Journal of Applied Polymer Science

Author Index to Volume 94

Abad, M. J.
—; Ares, A.; Barral, L.; Cano, J.; Diez, F. J.; Garcia-Garabal, S.; López, J.; Ramirez, C.: Use of a Sodium Ionomer as a Compatibilizer in Polypropylene/High-Barrier Ethylene-Vinyl Alcohol Copolymer Blends: The Processability of the Blends and Their Physical Properties, 1763
Abdelaziz, M.
—; Effect of CsBr–$MnCl_2$ Mixed Fillers on the Crystal Structure and Optical and Electrical Properties of Poly(vinyl alcohol), 2178
Abdel-Latif, S. A. See Hassan, M. K, 2257
Adhikary, P.
—; Singh, R. P.: Synthesis, Characterization, and Flocculation Characteristics of Hydrolyzed and Unhydrolyzed Polyacrylamide Grafted Xanthan Gum, 1411
Agnihotri, S. A. See Aminabhavi, T. M., 2057
Ahmad, A. L.
—; Ooi B. S.; Mohammad, A. W.; Choudhury, J. P.: Effect of Constricted Polymerization Time on Nanofiltration Membrane Characteristic and Performance: A Study Using the Domain Steric Pore Flow Model, 394
Ahmad, M. B. See Qudsieh, I. Y. M., 1891
Ahmadi, S. J. See Li, W., 440
Ahn, N.
—; Effects of Diacrylate Monomers on the Mechanical Properties of Polymer Concrete Made with Wet Aggregated, 1077
Ahn, S. H.
—; Kim, S. H.; Lee, S. G.: Surface-Modified Silica Nanoparticle-Reinforced Poly(ethylene 2,6-naphthalate), 812
Ahvenainen, R. See Vartianen, J., 986
Ai, X. See Guo, X., 2489
Airinei, A. See Gaina, C., 2091
Aiying, L. See Qiang, R., 2425
Akcelrud, L. See Gulmine, J. V., 222
Åkerholm, M.
—; Salmén, L.: Softening of Wood Polymers Induced by Moisture Studied by Dynamic FTIR Spectroscopy, 2032
Alexy, P.
—; Košíková, B.; Crkonová, G.; Gregorová, A.; Martiš, P.: Modification of Lignin-Polyethylene Blends with High Lignin Content Using Ethylene–Vinylacetate Copolymer as Modifier, 1855
Alla, S. G. A.
—; Said, H. M.; El-Naggar, A. W. M.: Structural Properties of γ-Irradiated Poly(vinyl alcohol)/Poly(ethylene glycol) Polymer Blends, 167
Allaway, J. A. See Campbell, J. D., 890
Alonso, M. V.
—; Oliet, M.; Rodríguez, F.; Astarloa, G.; Echeverría, J. M.: Use of Methylolated Softwood Ammonium Lignosulfonate As Partial Substitute of Phenol in Resol Resins Manufacture, 643
Aly, K. I.
—; New Polymer Syntheses XXVIII. Synthesis and Thermal Behavior of New Organometallic Polyketones and Copolyketones Based on Diferrocenylidenecyclohexanone, 1440
Aminabhavi, T. M.
—; See Mallikarjuna, N. J., 2551
—; See Naidu, B. V. K., 2548
—; Agnihotri, S. A.; Naidu, B. V. K.: Rheological Properties and Drug Release Characteristics of pH-Responsive Hydrogels, 2057
—; Naidu, B. V. K.; Sridhar, S.: Computer Simulation and Comparative Study on the Pervaporation Separation Characteristics of Sodium Alginate and Its Blend Membranes with Poly(vinyl alcohol) to Separate Aqueous Mixtures of 1,4-Dioxane or Tetrahydrofuran, 1827
An, L. See Huang, L., 1885
Anjum, N. See Gupta, B., 2509
Antonov, A. V. See Dubnikova, I. L., 1917
Aota, H. See Ikeda, J.-i., 1086; Kiguchi, T., 1198
Aralaguppi, M. I. See Kulkarni, S., 1304
Arbelaiz, A. See Gañán, P., 1489
Arencón, D.
—; Velasco, J. I.; Rodríguez-Pérez, M. A.; de Saja, J. A.: Poly(Propylene)Poly(Ethylene Terephthalate-co-Isophthalate) Blends and Glass Bead Filled Composites: Microstructure and Thermomechanical Properties, 1981
Ares, A. See Abad, M. J., 1763
Argarwal, S. See Drozdov, A. D., 9
Arsian, H.
—; Menteş, A.; Hazer, B.: Synthesis and Characterization of Diblock, Triblock, and Multiblock Copolymers Containing Poly(3-hydroxy butyrate) Units, 1789
Asakawa, N. See Weihua, K., 2466
Ashurov, N. R. See Omonov, T. S., 2538
Astarloa, G. See Alonso, M. V., 643
Avlyanov, J. See Zucolotto, V., 553
Avram, E. See Gaina, C., 2091

Back, A. See Schork, F. J., 2555
Bae, J. H. See Suh, I. S., 1057
Bae, S.-Y. See Iwa, T., 758
Bae, Y. C. See Pai, S. J., 231
Baer, E. See Liu, R. Y. F., 671
Bahners, T. See Textor, T., 789
Bai, X. See Niu, H., 2274
Bair, M. S. See Kuo, S. M., 2150
Bajpai, A. K. See Mishra S., 1815
Bajpai, J. See Mishra S., 1815
Bang, Y. H.
—; Lee, S. H.; Kwon, I. H.; Cho, H. H.: Melt Spinning and Annealing of Poly(ethylene terephthalate)/*p*-Hydroxybenzoate Liquid Crystalline Polymer, 1265
Bao, Y.-Z.
—; Huang, Z.-M.; Weng, Z.-X.: Particle Features of a Poly(methyl

methacrylate) Resin Prepared by a New Emulsion Polymerization Process, 1905
Barghamadi, M. See Ghaemy, M.1049
Barral, L. See Abad, M. J., 1763
Basak, R. K. See Ray, D., 123
Begam, T.
—; Tomar, R. S.; Nagpal, A. K.; Singhal, R.: Synthesis of Poly(acrylamide-*co*-methyl methacrylate-*co*-vinyl amine-*co*-acrylic acid) Hydrogels by Hoffman Degradation and Their Interactions with Acetaminphen, 40
Behmadi, H. See Ghaemy, M., 1049
Belgacem, M. N. See Durrier, V., 700
Belma, I.
—; Kıs, M.: Preparation and Determination of Swelling Behavior of Poly(acrylamide-*co*-acrylic acid) Hydrogels in Water, 1526
Benachour, D. See Krache, R., 1976
Bendale, A. See Mishra, S., 116
Berezina, S. M. See Dubnikova, I. L., 1917
Berggren, R. See Berthold, F., 424
Berlin, A. A. See Minsker, K. S., 613
Berthold, F.
—; Gustafsson, K.; Berggren, R.; Sjöholm, E.; Lindström, M.: Dissolution of Softwood Kraft Pulps by Direct Derivatization in Lithium Chloride/*N,N*-Dimethylacetamide, 424
Bhat, S. A.
—; Sharma, R.; Gupta, S. K.: Simulation and Optimization of the Continuous Tower Process for Styrene Polymerization, 775
Bibiao, J. See Qiang, R., 2425
Biniaś, D. See Wlochowicz, A., 1861
Biresaw, G.
—; Carriere, C. J.; Willet, J. L.: Interfacial Adhesion in Model Bioblends, 65
Biswal, D. R.
—; Singh, R. P.: The Flocculation and Rheological Characteristics of Hydrolyzed and Unhydrolyzed Grafted Sodium Alginate in Aqueous Solutions, 1480
Biswas, M. See Maity, A., 803
Blanco, I.
—; Cicala, G.; Motta, O.; Recca, A.: Influence of a Selected Hardener on the Phase Separation in Epoxy/Thermoplastic Polymer Blends, 361
Blayo, A. See Durrier, V., 700
Boeman, R. G. See Jacob, G. C., 296
Bogdal, D.
—; Gorczyk, J.: Synthesis and Characterization of Epoxy Resins Prepared Under Microwave Irradiation, 1969
Böhme, F. See Jakisch, L., 2170
Borole, D. D.
—; Kapadi, U. R.; Mahulikar, P. P.; Hundiwale, D. G.: Glucose Oxidase Electrodes of Poly(o-anisidine), Poly(*o*-toluidine), and Their Copolymer as Biosensors: A Comparative Study, 1877
Bourham, M. A. See Matthews, S. R., 2383
Boztuğ, A.
—; Preparation and Thermomechanical Characterization of Poly(vinyl chloride) Blends Compatible with Terpolymer-containing Maleic Anhydride, 1586
Bridges, J. K. See Fevola, M. J., 9
Brito, H. F. See Parra, D. F., 865
Bui, V. T. See Wan, Y., 2309
Buruiana, E. C.
—; Olaru, M.; Simionescu, B. C.: Photobase-Generating New Polyurethanes with Oxime-Urethane Groups in the Main Chain, 2324
Buyanov, A. L.
—; Revel'skaya, L. G.; Rosova, E. Y.; Elyashevich, G. K.: Swelling Behavior and Pervaporation Properties of New Composite Membrane Systems: Porous Polyethylene Film-Poly(acrylic acid) Hydrogel, 1461
Byun, H.-S.
—; Phase Behavior on the Binary and Ternary Mixtures of Poly(cyclohexyl acrylate) and Poly(cyclohexyl methacrylate) in Supercritical CO_2, 1117

Cai, T. See Zeng, Z., 416
Cai, Z.
—; Sun, G.: Antimicrobial Finishing of Acrilan Fabrics with Cetylpyridinium Chloride, 243
Campbell, J. D.
—; Allaway, J. A.; Teymour, F.; Morbidelli, M.: High-Temperature Polymerization of Styrene: Mechanism Determination with Preparative Gel Permeation Chromatography, Matrix-Assisted Laser Desorption/Ionization Time-of-Flight Mass Spectrometry, and ^{13}C Nuclear Magnetic Resonance, 890
Can, H. K. See Kavlak, S., 453
Cano, J. See Abad, M. J., 1763
Cao, D. See Chen, J., 796
Cao, J. See Zhang, H., 1
Cao, K. See Huang, B., 1449
Cao, Y. See Zhang, J., 763
Cao, Z. See Liu, W., 53
Carlberg, M.
—; Colombini, D.; Maurer, F. H. J.: Ethylene–Propylene–Rubber (EPR)/Polydimethylsiloxane (PDMS) Binary Polymer Blends: Morphology and Viscoelastic Properties, 2240
Carrascosa, R. E. See Matveeva, E., 1752
Carriere, C. J. See Biresaw, G., 65
Castro, D. F.
—; Suarez, J. C. M.; Nunes, R. C. R.; Visconte, L. L. Y: Influence of Mixing Procedures and Mica Addition on Properties of NR/BR Vulcanizates. I, 1575
Castrovinci, A. See Drevelle, C., 717
Çaykara, T. See Inam, R., 2401
Çelik, M.
—; Graft Copolymerization of Methacrylamide onto Acrylic Fibers Initiated by Benzoyl Peroxide, 1519
—; Önal, M.: Synthesis and Characterization of Poly(glycidyl methacrylate)/Na-Montmorillonite Nanocomposites, 1532
Chang, F.-C. See Su, Y.-C., 932
Chang, S. J. See Kuo, S. M., 2150
Chang, Y. See Xu, Q., 593
Chang, Y.-W. See Suh, I. S., 1057; Yeh, J.-M., 1936
Chao, Y.-C. See Huang, P.-Y., 1466
Chapela, V. M. See Percino, M. J., 1662
Chen, B.
—; Evans, J. R. G.; Holding, S.: Decomposition of Poly(ethylene glycol) on Nanocomposites, 548
Chen, B.-K.
—; Chiu, T.-M.; Tsay, S.-Y.: Synthesis and Characterization of Polyimide/Silica Hybrid Nanocomposites, 382
Chen, C.-C. See Lin, D.-J., 1927
Chen, C.-P. See Yeh, J.-M., 1936
Chen, C.-Y.
—; Chen, S.-Y.: Adsorption Properties of a Chelating Resin Containing Hydroxy Group and

Iminodiacetic Acid for Copper Ions, 2123
Chen, F.
—; Wang, H.; Zhu, C.; Ren, L.; Li, J.: Characterization of the Formation and Degradation of a Polyacrylamide Microgel, 1375
Chen, G. Q. See Li, X. H., 711
Chen, G. See Wu, H., 2522
Chen, H.
—; Liang, Y.; Wang, C.-g.: Kinetics of Copolymerization of Acrylonitrile with Ammonium Itaconate in a H_2O/Dimethyl Formamide Mixture, 1151
Chen, H. C. See Tsai, H. A., 1562
Chen, J.
—; See Jiao, S. Q., 1389
—; See Li, A., 1869
—; See Li, Z., 1634, 1643
—; Wang, G.; Zeng. X.; Zhao, H.; Cao, D.; Yun, J.; Tan, C. K.: Toughening of Polypropylene Ethylene Copolymer with Nanosized $CaCO_3$ and Styrene-Butadiene-Styrene, 796
Chen, K.-N. See Lai, J.-Z., 845
Chen, L. See Wan, T., 1381
Chen, S.-M. See Lin, J.-J., 1797
Chen, S.-Y. See Chen, C.-Y., 2123
Chen, W.-C. See Su, Y.-C., 932
Chen, Y.
—; See Liu, G., 977
—; Zhang, L.: Blend Membranes Prepared from Cellulose and Soy Protein Isolate in NaOH/Thiourea Aqueous Solution, 748
Chen, Y.-C. See Lee, W. F., 692, 2417
Chen, Y.-P. See Tang, M., 474
Cheng, L.-P. See Lin, D.-J., 1927
Cheng, N. See Liu, W., 53
Cherian, A. B.
—; Thachil, E. T.: Block Copolymers of Unsaturated Polyesters and Functional Elastomers, 1956
Chiang, L. K. See Yeng, W. S., 154
Chiu, T.-M. See Chen, B.-K., 382
Cho, B. G. See Park, C., 308; Yang, J. H., 302
Cho, C.-S. See Chun, M.-Y., 2390; Oh, J.-M., 327
Cho, H. H. See Bang, Y. H., 12665
Cho, J. W. See Park, C., 308; Yang, J. H., 302
Cho, W.-J. See Lee, S.-M., 57
Choi, H,-K. See Chun, M.-Y., 2390; Oh, J.-M., 327
Choi, K. H. See Lyoo, W. S., 2356
Choi, Y.-J. See Kim, Y., 2223
Chou, W. L. See Tsai, H. A., 1562
Choudhary, V. See Roy, P. K., 1771
Choudhury, J. P. See Ahmad, A. L., 394
Chowdhury, S. R. See Kim, M.-S., 2212
Chu, Z.-Y.
—; Feng, C.-X.; Song, Y.-C.; Li, X.-D.; Xiao, J.-Y.: Synthesis of Polyborosilazane and Its Utilization as a Precursor to Boron Nitride, 105
Chua, Y. C. See Wan, T., 1381
Chuayjuljit, S.
—; Siridamrong, P.; Pimpan, V.: Grafting of Natural Rubber for Preparation of Natural Rubber/Unsaturated Polyester Resin Miscible Blends, 1496
Chun, B. C. See Park, C., 308; Yang, J. H., 302
Chun, M.-Y.
—; Cho, C.-S.; Choi, H.-K.: Characteristics of Poly(vinyl pyrrolidone)/Poly(acrylic acid) Interpolymer Complex Prepared by Template Polymerization of Acrylic Acid: Effect of Reaction Solvent and Molecular Weight of Template, 2390
Chun, Y. S.
—; Weiss, R. A.: Thermal Behavior of Poly(ether ketone ketone)/Thermoplastic Polyimide Blends, 1227
Chung, T.-S.
—; See Liu, T., 1236
Chung, Y.-C. See Park, C., 308; Yang, J. H., 302
Chuo, H. See Zhou, Y., 1126
Cicala, G. See Blanco, I., 361
Colombini, D. See Carlberg, M., 2240
Coltelli, M.-B. See Pucci, A., 372
Creber, K. A. M. See Wan, Y., 2309
Crkonová, G. See Košíková, B., 1855
Cruz, J. See Gañán, P., 1489
Cui, N. See Zhang, Z., 1690
Cyras, V. P.
—; Rozsa, C.; Galego, N,; Vázquez, A.: Kinetic Expression for the Isothermal Crystallization of Poly(3-hydroxybutyrate)-11%Poly(3-hydroxyvalerate), 1657

d'Alneida, J. R. M. See Fonseca, V. M., 1209
Danch, A.
—; Sulkowski, W. W.; Moczyński, M.; Raodn, A.; Stelzer, F.; Jurga, S.: Structural Relaxation and Morphology of the Rubber-Urethane Composites, 1186
Dean, K. See Xu, Q., 593
de Carvalho, L. H. See Fonseca, V. M., 1209
Degamber, B.
—; Tetlow, J.; Fernando, G. F.: Design and Development of Low-Cost Optical-Fiber Sensors for Temperature Metrology: Process Monitoring of an Epoxy Resin System, 83
del Hierro-Navarro, P. See Vilaplana, F., 1803
Delobel, R. See Drevelle, C., 717
Deng, J.
—; Zhu, S.; Shi, W.: Effect of Molecular Chain Structure of the Cured Epoxy Resin Containing Hyperbranched (3-Hydroxyphenyl) Phosphate on Expansion and Flame Retardance, 2065
Deng, Y. See Mancosky, D. G., 177
de Saja, J. A. See Arencón, D., 1981
Devapal, D.
—; Packirisamy, S.; Korulla, R. M.; Ninan, K. N.: Atomic Oxygen Resistant Coating from Poly(tetramethyldisilylene-co-styrene), 2368
Devi, L. U.
—; Joseph, K.; Nair, K. C. M.; Thomas, S.: Ageing Studies of Pineapple Leaf Fiber–Reinforced Polyester Composites, 503
Devi, M. S. See Guhanathan, S., 511
Diez, F. J. See Abad, M. J., 1763
Dizman, B.
—; Elasri, M. O.; Mathias, L. J.: Synthesis and Antimicrobial Activities of New Water-Soluble Bis-Quaternary Ammonium Methacrylate Polymers, 635
Dolbin, I. V. See Kozlov, G. V., 1353
Dong, L.
—; Xiong, C.; Wang, T.; Liu, D.; Lu, S.; Wang, Y.: Preparation and Properties of Compatibilized PVC/SMA-*g*-PA6 Blends, 432
Dong, Z.
—; Liu, Z.; Zhang, J.; Han, B.; Sun, D.; Wang, Y.; Huang, Y.: Synthesis of Montmorillonite/Polystyrene Nanocomposites in Supercritical Carbon Dioxide, 1194
Dongliang, Z. See Qiang, R., 2425
Drevelle, C.
—; Duquesne, S.; Le Bras, M.; Lefebvre, J.; Delobel, R.; Castrovinci, A.; Magniez, C.; Vouters, M.: Influence of Ammonium Polyphosphate on the Mechanism of Thermal

Degradation of an Acrylic Binder Resin, 717
Drozdov, A. D.
—; Agarwal, S.; Gupta, R. K.: The Effect of Temperature on the Viscoelastic Response of Semicrystalline Polymers, 9
Du, J. See Li, Z., 1634, 1643; Liu, Y., 1912
Du, Q. See Zhang, Y., 259
Dubé, M. A. See Jovanović, R., 871
Dubnikova, I. L.
—; Berezina, S. M.; Antonov, A. V.: Effect of Rigid Particle Size on the Toughness of Filled Polypropylene, 1917
Dunk, W. A. E. See Leveson, P., 1365
Duquesne, S. See Drevelle, C., 717
Durrieu, V.
—; Gandini, A.; Belgacem, M. N.; Blayo, A.; Eiselé, G.; Putaux, J.-L: Preparation of Aqueous Anionic Poly-(urethane-urea) Dispersions: Influence of the Nature and Proportion of the Urethane Groups on the Dispersion and Polymer Properties, 700
Dutta, N. K. See Marković, N., 1253

Easteal, A. J. See Zhang, C., 2083
Echeverría, J. M. See Alonso, M. V., 643
Eiselé, G. See Durrier, V., 700
Elasri, M. O. See Dizman, B., 635
El-Deeb, M. M. See Su, Y.-C., 941
El Elashry, E. See Kandil, S., 1420
El Gabry, L. K.
—; Hakeim, O. A.: Effect of Some Metal Salt Pretreatments on Acrylic Printing, 130
El-Gendy, E. H.
—; Dyeing Kinetics of Methacrylic Acid Grafted Polyester Fabric with Astrazonrot Violet and Rhodamine Red Basic Dyes, 1070
El-Maghraby, A. See Kandil, S., 1420
El-Naggar, A. A.. See Hegazy, E. A., 1649
El-Naggar, A. W. M. See Alla, S. G. A., 167
El-Rehim, S. S. A. See Sayyah, S. M., 941
El-Roudi, O. M. See Hassan, M. K, 2257
El-Salmawy, K. M. See Hegazy, E. A., 1649
El-Sharkawy, F. M. See Fouda, I. M., 287
El-Taweel, S. H.
—; Stoll, B.; Höhne, G. W. H.; Mansour, A. A.; Seliger, H.: Stress-Strain Behavior of Blends of Bacterial Polyhydroxybutyrate, 2528
Elyashevich, G. K. See Buyanov, A. L., 1461
Endo, T. See Qui, W., 1326; Suzuki, K., 961
Entezami, A. A. See Nabid, M. R., 254
Eren, T.
—; Küsefoğlu, S. H.: Synthesis and Characterization of Copolymers of Bromoacrylated Methyl Oleate, 2475
Esteban-Martinez, M. See Ibarra, L., 332
Evans, J. R. G. See Chen, B., 548
Eyerer, P. See Woicke, N., 877

Fakhru'l-Razi, A. See Qudsieh, I. Y. M., 1891
Fan, D. See Huang, S., 954
Fan, H. See Yang, Z., 197
Fan, X. See Kong, J., 1710
Fan, Y. See Yan, H., 1511
Farid, A. S. See Ogbedor, O. J., 1024
Feder, A. L., Jr.
—; González, G.; Teixeira, C. L. S.; Lucas, E. F.: The Use of Polymers in the Treatment of Produced Oily Waters, 1473
Fellers, J. F. See Jacob, G. C., 296
Feng, C.-X. See Chu, Z.-Y., 105
Feng, J J. See Yu, R., 1404
Feng, S.
—; See Zhang, J., 587
—; Zhang, J.; Wang, D.; Wu, M.; Yu, Z.: Synthesis and Characterization of 3-(2,3-Dihydroxypropoxy)propyl-Terminated Polydimethylsiloxanes, 110
—; Zhang, J.; Wang, D.; Wu, M,; Yu, Z.: Viscosity/Molecular-Weight Relationship for γ-(2,3-Dihydroxypropoxy)propyl-Terminated Poly(dimethylsiloxane)s, 1759
Feng, W.
—; Isayev, A. I.: Continuous Ultrasonic Devulcanization of Unfilled Butyl Rubber, 1316
Fernandes, V. J., Jr. See Fonseca, V. M., 1209
Fernando, G. F. See Degamber, B., 83
Fevola, M. J.
—; Bridges, J. K.; Kellum, M. G.; Hester, R. D.; McCormick, C. L.: pH-Responsive Polyzwitterions: A Comparison Study of Acrylamide-Based Polyampholyte Terpolymers and Polybeteine Copolymers, 24
Filip, D. See Popescu, M.-C., 1156
Fong, H.
—; Effects of Water Contents and Postcuring Conditions on Bis-GMA/TEGDMA Dental Restorative Composite Resins, 492
Fonseca, V. M.
—; Fernandes, V. J., Jr.; de Carvalho, L. H.; d'Almeida, J. R. M.: Evaluation of the Mechanical Properties of Sisal–Polyester, Composites as a Function of the Polyester Matrix Formulation, 1209
Fouda, I. M.
—; El-Sharkawy, F. M.: Development of Macrostructural Effects of Cold Drawing on Nylon 6 Fibers, 287

Gaina, C.
—; Gaina, V.; Airinei, A.; Avram, E.: Polyimides Containing 4,4′-Bipyridinium Units, 2091
Gaina, V. See Gaina, C., 2091
Galego, N. See Cyras, V. P., 1657
Gañán, P.
—; Cruz, J.; Garbizu, S.; Arbelaiz, A.; Mondragon, I.: Stem and Bunch Banana Fibers from Cultivation Wastes: Effect of Treatments on Physio-Chemical Behavior, 1489
Gandini, A. See Durrier, V., 700
Gao, J.
—; Zhao, M.: Curing Kinetics and Thermal Property Characterization of an *o*-Cresol Formaldehyde Epoxy Resin and 4,4′-Diaminodiphenyl Ether System, 182
Gao, L.
—; Zhao, X.: Electrorheological Behaviors of Barium Titanate/Gelatin Composite Hydrogel Elastomers, 2517
Garbizu S. See Gañán, P., 1489
Garcia-Garabal, S. See Abad, M. J., 1763
Gaulliard, V.
—; Leblanc, J. L.: A Rheometrical Technique to Study the Swelling

Kinetics of Vulcanized Rubber Particles by Paraffinic Solvents Using a Torque Rheometer, 142
Gedde, U. W. See Neway, B., 1730
Geethamma, V. G.
—; Pothen, L. A.; Rhao, B.; Neelakantan, N. R.; Thomas, S.: Tensile Stress Relaxation of Short-Coir-Fiber-Reinforced Natural Rubber Composites, 96
George, K. E. See Sasidharan, K. K.1164, 1164
Ghaemy, M.
—; Barghamadi, M.; Behmadi, H.: Cure Kinetics of Epoxy Resin and Aormatic Diamines, 1049
Ginić-Marković, M. See Marković, N., 1253
Goh, S. S. See Liu, T., 1236
González, G. See Feder, A. L., Jr.
González-Marcos, J. A.
—; López-Dehesa, C.; González-Velasco, J. R.: Effect of Operation Conditions in the Pervaporation of Ethanol-Water Mixtures with Poly (1-Trimethylsilyl-1-Propyne) Membranes, 1395
González-Velasco. See González-Marcos, J. A., 1395
Gopalakrishnan, K. S. See Sasidharan, K. K., 1164
Gorczyk, J. See Bogdal, D., 1969
Greenberg, A. R. See Khare, V. P., 558
Gregorio, R., Jr. See Zucolotto, V., 553
Gregorová, A. See Košíková, B., 1855
Groeninckx, G. See Omonov, T. S., 2538
Grunden, B. L.
—; Sung, C. S. P.: Cure Characterization of Unsaturated Polyester Resin by Fluorescence Spectroscopy, 2446
Grunlan, M. A.
—; Lee, N. S.; Weber, W. P.: Crosslinking of 1,9-Bis[glycidyloxypropyl]penta-(1′*H*,1′*H*,2′*H*, 2′*H*-perfluoroalkylmethylsiloxane)s with α,ω-Diaminoalkanes: The Cure Behavior and Film Properties, 203
Guan, Y. See Liu, X., 2205
Guerrero-Salazar, C. See Reyes-Melo, E., 657
Guhanathan, S.
—; Devi, M. S.: Synthesis and Application of Multilayered Core Shell Particles for Toughening of Unsaturated Polyester Resin, 511
Guibal, E. See Vincent, T., 1634
Guimond, S.
—; Wertheimer, M. R.: Surface Degradation and Hydrophobic Recovery of Polyolefins Treated by Air Corona and Nitrogen Atmospheric Pressure Glow Discharge, 1291
Gulmine, J. V.
—; Akcelrud, L.: Correlations between the Processing Variables and Morphlogy of Crosslinked Polyethylene, 222
Gümüs, Y. See Inam, R., 2401
Günay, Y. See Işik, B., 1619
Gundogan, N.
—; Melekaslan, D.; Okay, O.: Swelling and Elasticity of Poly(*N*-isopropylacrylamide-*co*-4-Vinyl Benzene Sulfonic Acid Sodium Salt) Hydrogels, 135
Güner, A. See Kavlak, S., 453
Guo, B. See Qian, Z., 2347
Guo, C. See Zhang, Z., 1690; Zhu, B., 2451
Guo, S. See Wu, H., 2522; Zhou, D., 684
Guo, T.
—; Hao, G.; Song, M.; Zhang, B.: Amphiphilic Poly(styrene-*b*-ethylene oxide)-Block-Copolymer-Intercalated Layered Silicate and Its Nanocomposites with Acrylonitrile–Butadiene–Styrene Resin, 238
Guo, X.
—; Zhao, Y.; Ning, P.; Ai, X.: Application of Hindered Piperidine Amine and/or Tertiary Amine in the Modification of Polyamide 6, 2489
Gupta, B.
—; Jain, R.; Anjum, N.; Singh, H.: Preparation of Antimicrobial Sutures by Preirradiation Grafting of Acrylonitrile onto Polypropylene Monofilament. III Hydrolysis of the Grafted Suture, 2509
Gupta, R. K. See Drozdov, A. D., 9
Gupta, S.
—; Sharma, P.; Soni, P. L.: Carboxymethylation of *Cassia occidentalis* Seed Gum, 1606
Gupta, S. K. See Bhat, S. A., 775
Gustafsson, K. See Berthold, F., 424

Ha, C.-S. See Lee, S.-M., 57
Hakala, K. See Motha, K., 1094
Hakeim, O. A. See El Gabry, L. K., 130
Han, B. See Dong, Z., 1194; Li, Z., 1634, 1643
Han, K. See Yu, H., 971
Han, S. S. See Yeum, J. H., 1435
Hao, G. See Guo, T., 238
Hao, W. See Peng, G., 1370
Hara, M. See Higuchi, A., 1737
Harrats, C. See Omonov, T. S., 2538
Hasei, Y. See Ikeda, J.-i., 1086
Hashim, A. S. See Teh, P. L., 2438
Hassan, M. K,
—; Abdel-Latif, S. A.; El-Roudi, O. M.; Sharaf, M. A.; Noda, I.; Mark, J. E.: Improvement in the Mechanical Properties of Poly(3-hydroxybutyrate-*co*-3-hydroxyhexanoate) by Preorientation, 2257
Hata, Y. See Nakane, K., 965
Hayashi, F. See Okuda, Y., 923
Hazer, B. See Arslan, H., 1789
He, A. See Liu, H., 819
He, C. See Liu, T., 1236
He, F. See Wu, G., 1705
He, J. See Zhang, B., 625
He, S. See Peng, G., 1370
He, Y. See Weihua, K., 2466; Zhang, J., 763
Heath, R. J. See Mascia, L., 1279
Hegazy, E. A.
—; El-Salmawy, K. M.; El-Naggar, A. A.: Recovery of Heavy Metals from Aqueous Solution by Using Radiation Crosslinked Poly(vinyl alcohol), 1649
Hegemann, B. See Woicke, N., 877
Hester, R. D. See Fevola, M. J., 9
Heuzey, M.-C.
—; Wood-Adams,P.; Sekki, D.: Simplified Theory for Linear Rheology of Monodisperse Linear Polymers, 569
Higuchi, A.
—; Yoon, B. O.; Kaneko, T.; Hara, M.; Maekawa, M.; Nohmi, T.: Separation of Endocrine Disruptors from Aqueous Solutions by Pervaporation: Dioctylphthalate and Butylated Hydroxytoluene in Mineral Water, 1737
Hiltner, A. See Liu, R. Y. F., 671
Hippi, U. See Motha, K., 1094
Hirotsu, T. See Qui, W., 1326
Hodzic, A. See Ouajai, S., 2456
Höhne, G. W. H. See El-Taweel, S. H., 2528
Holding, S. See Chen, B., 548
Hori, T. See Kuzuhara, A., 1131
Horii, H. See Suzuki, K., 961

Hsieh, S.-H.
—; Huang, Z. K.; Huang, Z. Z.; Tseng, Z. S.: Antimicrobial and Physical Properties of Woolen Fabrics Cured with Citric Acid and Chitosan, 1999
Hsu, P.-H. See Shieh, J.-Y., 730
Hsu, S.-F. See Wu, T.-M., 2196
Hu, H. See Lin, Y., 2494; Pan, M., 277
Hu, S.-S. See Lin, J.-J., 1797
Hu, X. See Pei, M., 2251; Tang, L. W., 2071; Zhang, H., 598
Hu, X.-P.
—; Li, W.-Y.; Wang, Y.-Z.: Synthesis and Characterization of A Novel Nitrogen-Containing Flame Retardant, 1556
Hu, Y. S. See Liu, R. Y. F., 671
Hu, Y. See Zhang, Z., 1690
Huang, B.
—; Cao, K.; Li, B.-G.; Zhu, S.: Syndiospecific Styrene Polymerization with $CpTiCl_3$/MAO: Effects of the Order of Reactant Addition on Polymerization and Polymer Properties, 1449
Huang, C.-Y. See Yeh, J.-M., 1936
Huang, H. See Huang, S., 954; Zhang, H., 1
Huang, J. See Liu, C., 355; Wei, J., 2376; Zhongyu, L., 2280
Huang, J.-C.
—; Methods to Determine Solubility Parameters of Polymers at High Temperature Using Inverse Gas Chromatography, 1547
Huang, K.-Y. See Yeh, J.-M, 400
Huang, L.
—; Yuan, Q.; Jiang, W.; An, L.; Jiang, S.; Li, R. K. Y.: Mechanical and Thermal Properties of Glass Bead–Filled Nylon-6, 1885
Huang, L. C. See Kontopoulou, M, 881
Huang, P.-Y.
—; Chao, Y.-C.; Liao, Y.-T.: Preparation of Fluoroacrylate Nanocopolymer by Miniemulsion Polymerization Used in Textile Finishing, 1466
Huang, S.
—; Fan, D.; Lei, Y.; Huang H.: Alkoxysilane-Functionalized Acrylic Copolymer Latexes. I. Particle Size, Morphology, and Film-Forming Properties, 954
Huang, S.-H. See Lin, D.-J., 1927
Huang, Y. See Dong, Z., 1194; Liu, Y., 1912; Niu, H., 2274
Huang, Y.-C. See Tang, M., 474
Huang, Y. D. See Li, W., 440
Huang, Y.-H. See Yeh, J.-M, 400
Huang, Z. K. See Hsieh, S.-H., 1999
Huang, Z.-M. See Bao, Y.-Z., 1905; Sheng, W.-C., 1035
Huang, Z. Z. See Hsieh, S.-H., 1999
Hundiwale, D. G. See Borole, D. D., 1877
Hwang, Y. J. See Matthews, S. R., 2383

Ibarra, L.
—; Posadas, P.; Esteban-Martinez, M.: Influence of Some Additives on Rheological Properties, Viscosity, and Dynamic Mechanical Properties in NR Compounds, 332
Ikeda, J.-i.
—; Hasei, Y.; Yasuda, Y.; Aota, H.; Matsumoto, A.: Effect of Primary Polymer Chain Rigidity on Intramolecular Cyclization and Intramolecular Crosslinking Monomethacrylate/Dimethacrylate Copolymerizations, 1086
Im, S. S. See Park, C. H., 248
Inam, R.
—; Gümüs, Y.; Çaykara, T.: Competitive Removal of Pb^{2+}, $Cd^{2}+$, and Zn^{2+} by Poly(acrylamide-*co*-maleic acid) Hydrogels/Differential Pulse Polarographic Determination, 2401
Inoue, Y. See Weihua, K., 2466
Isayev, A. I. See Feng, W., 1316
Ishiaku, U. S. See Teh, P. L., 2438
Işik, B.
—; Günay, Y.: Swelling Behavior of Thermoreversible Poly(*N*-isopropylacrylamide-*co*-*N*-vinylimidazole) Hydrogels, 1619
Itakura, M.
—; Sato, K.; Lusenkova, M. A.; Matsyama, S.; Shimada, K.; Saito, T.; Kinugasa, S.: Molecular Weight Dependency of Refractive Index Increment of Polystyrene Determined by Uniform Oligomers, 1101
Iwa, T.
—; Kumazawa, H.; Bae, S.-Y.: Gas Permeabilities of NH_3-Plasma-Treated Polyethersulfone Membranes, 758

Jachuck, R. J. See Leveson, I., 1365
Jacob, G. C.
—; Starbuck, J. M.; Fellers, J. F.; Simunovic, S.; Boeman, R. G.: Strain Rate Effects on the Mechanical Properties of Polymer Composite Materials, 296
Jahagirdar, C. J.
—; Tiwari, L. B.: Study of Plasma Polymerization of Dichloromethane on Cotton and Polyester Fabrics, 2014
Jain, R. See Gupta, B., 2509
Jakisch, L.
—; Komber, H.; Wursche, R.; Böhme, F.: Multifunctional Coupling Agents. II. Chain Extension and Terminal Group Modification of Polyamides, 2170
Jaw, J.-H. See Yeh, J.-M., 1936
Jenkins, R. D. See Tam, K. C., 604
Jeong, W. Y.
—; Kang, Y. A.; Lee, Y. H.: Study on the Structure of Nylon 6 Films Iodinated Before Forming. II. Investigation of the Crystallization Behavior through Thermal Analysis, 1062
Ji, B. C. See Yeum, J. H., 1435
Jiang, P. See Su, Z., 1504
Jiang, S. See Huang, L., 1885
Jiang, W. See Huang, L., 1885
Jiang, X.
—; Yie, J.: Copolymeric Photoinitiators Containing In-Chain Thioxanthone and Coinitiator Amine for Photopolymerization, 2395
Jiang, Y.
—; See Xu, Q., 2158
—; Tong, A.-J.: Synthesis of Molecularly Imprinted Microspheres for Recognition of *Trans*- Aconitic Acid, 542
Jiang, Z.-H. See Zhang, S.-L., 839
Jianhai, C. See Qiang, R., 2425
Jiao, S. Q.
—; Zhou, H. H.; Chen, J. H.; Luo, S. L.; Kuang, Y. F.: Influence of the Preparation Conditions on the Morphology of Polyaniline Electrodeposited by the Pulse Galvanostatic Method, 1389
Jiménez, A. See Percino, M. J., 1662
Joekes, I. See Martins, M. A., 2333
Joseph, K. See Devi, L. U., 503
Joseph, R. See Sasidharan, K. K., 1164
Jou, L.-L. See Lee, W.-F., 74
Jovanović, R.
—; Dubé, M. A.: Solvent Effects in Butyl Acrylate and Vinyl Acetate Homopolymerizations in Toluren, 871
Jung, K.-I.
—; Yoon, S. W.; Sung, S.-J.; Park, J.-K.: Carbon Black Effect on the

Acoustic Properties of Nitrile Butadiene Rubber, 678
Jurga, S. See Danch, A., 1186

Kalakkunnath, S. See Lake, W. B., 1245
Kalika, D. S. See Lake, W. B., 1245
Kanai, T. See Nodera, A., 2131
Kandil, S.
—; Kenawy, E-R.; El-Maghraby, A.; Elashry, E. H.: Controlled Release of 2-Methyl-4-chlorophenoxy Acetic Acid Herbicide from Waste Gelatin-Based Blends and Composites, 1420
Kaneko, T. See Higuchi, A., 1737
Kang, Y. A. See Jeong, W. Y., 1062
Kang, Y. K. See Park, C. H., 248
Kapadi, U. R. See Borole, D. D., 1877
Karger-Kocsis, J. See Teh, P. L., 2438
Kariduraganavar, M. Y. See Kittur, A. A., 2101; Kulkarni, S., 1304
Kato, J. See Morita, T., 446
Kavlak, S.
—; Can, H. K.; Güner, A.: Miscibility Studies on Poly(Ethylene Glycol)/Dextran Blends in Aqueous Solutions by Dilute Solution Viscometry, 453
Ke, Y. See Zhang, Z., 1690
Kellum, M. G. See Fevola, M. J., 9
Kenawy, E.-R. See Kandil, S., 1420
Kenny, J. M. See Torre, L., 1676
Keuerleber, N. See Woicke, N., 877
Khare, V. P.
—; Greenberg, A. R.; Krantz, W. B.: Investigation of the Viscoelastic and Transport Properties of Interfacially Polymerized Barrier Layers Using Pendant Drop Mechanical Analysis, 558
Kiguchi, T.
—; Aota, H.; Matsumoto, A.: Crosslinking Polymerization Leading to Interpenetrating Polymer Network Formation, 1198
Kijowska, D.
—; Kucharski, M.: Polyetherols from Melamine and Alkylene Carbonates: Properties and Application of Foamed Polyurethanes, 2302
Kim, B. J.
—; White, J. L.: Engineering Anaysis of the Reactive Extrusion of ε-Caprolactone: The Influence of Processing on Molecular Degradation during Reactive Extrusion, 1007
Kim, E. Y. See Kwak, Y. S., 1743
Kim, G.-H. See Kim, M.-S., 2212
Kim, H. D. See Kwak, Y. S., 1743
Kim, M.-S.
—; Park, C.-C.; Chowdhury, S. R.; Kim, G.-H.: Physical Properties of Ethylene Vinyl Acetate Copolymer (EVA)/Natural Rubber (NR) Blend Based Foam, 2212
Kim, S. H. See Ahn, S. H., 812
Kim, S. S. See Yeum, J. H., 1435
Kim, T. H.
—; Melt Free-Radical Grafting of Maleimides with Hindered Phenol Groups onto Polyethylene, 2117
Kim, Y.
—; Choi, Y.-J.: Conversion of Polyester into Heat-Resistant Polyamide by Reacting with Aromatic Diamine Compound II. Semibatch Reaction by Nitrogen Gas Sweeping Process, 2223
Kış, B. See Belma, I., 1526
Kinugasa, S. See Itakura, M., 1101
Kittur, A. A.
—; See Kulkarni, S., 1304
—; Tambe, S. M.; Kulkarni, S. S.; Kariduraganavar, M. Y.: Pervaporation Separation of Water–Acetic Acid Mixtures Through NaY Zeolite-Incorporated Sodium Alginate Membranes, 2101
Kiyohara, P. K. See Martins, M. A., 2333
Komber, H. See Jakisch, L., 2170
Kong, J.
—; Fan, X.; Xie, Y.; Qiao, W.: Study on Molecular Chain Heterogeneity of Linear Low-Density Polyethylene by Cross-Fractionation of Temperature Rising Elution Fractionation and Successive Self-Nucleation/Annealing Thermal Fractionation, 1710
Kong, S. H. See Pai, S. J., 231
Kontopoulou, M.
—; Huang, L. C.: Rheology, Structure, and Properties of Ethylene–Vinyl Acetate/Metallocene-Catalyzed Ethylene–α-Olefin Copolymer Blends, 881
Korulla, R. M. See Devapal, D., 2368
Kown, I. H. See Bang, Y. H., 1265
Kozlov, G. V.
—; Dolbin, I. V.; Zaikov, G. E.: The Theoretical Estimation of Effective Spectral Dimension for Polymer Melts, 1353
Krache, R.
—; Benachour, D.; Pötschke, P.: Binary and Ternary Blends of Polyethylene Polypropylene, and Polyamide 6,6: The Effect of Compatibilization on the Morphology and Rheology, 1976
Krantz, W. B. See Khare, V. P., 558
Krupta, I. See Novák, I., 529
Kuang, Y. F. See Jiao, S. Q., 1389
Kucharski, M. See Kijowska, D., 2302
Kulkarni, S.
—; Kittur, A. A.; Aralaguppi, M. I.; Kariduraganaver, M. Y.: Synthesis and Characterization of Hybrid Membranes Using Poly(vinyl alcohol) and Tetraethylorthosilicate for the Pervaporation Separation of Water-Isopropanol Mixtures, 1304
Kulkarni, S. S. See Kittur, A. A., 2101
Kulonen, H. See Vartianen, J., 986
Kumar, C. R. See Reddy, G. V. R., 739
Kumazawa, H. See Iwa, T., 758
Kuo, C. H. See Kuo, S. M., 2150
Kuo, S. M.
—; Niu, G. C.-C.; Chang, S. J.; Kuo, C. H.; Bair, M. S.: A One-Step Method for Fabricating Chitosan Microspheres, 2150
Kurachi, Y. See Narisawa, M., 1612
Kuribayashi, M. See Shibata, M., 2164
Küsefoğlu, S. H. See Eren, T., 2475
Kuzuhara, A.
—; Hori, T.: Diffusion Behavior of Reducing Agents into Keratin Fibers Using Microspectrophotometry, 1131
Kwak, J. W. See Yeum, J. H., 1435
Kwak, Y.S.
—; Kim, E. Y.; Yoo, B. H.; Kim, H. D.: Preparation and Properties of Waterborne Poly(urethane urea)s for Adhesives: The Effects of the 2,2-Bis(hydroxylmethyl)propionic Acid Content on the Properties, 1743
Kwan, J. W. See Lyoo, W. S., 2356

Lai, J. Y. See Tsai, H. A., 1562
Lai, J.-Z.
—; Ling, H.-J.; Yeh, J.-T.; Chen, K.-N.: New Self-Curable, Aqueous-Based Polyurethane System by an Isophorone Diisocyanate/Uretedione

Aziridinyl Derivative Process, 845
Lai, M.-C. See Yeh, J.-M., 1936
Lake, W. B.
—; Kalakkunnath, S.; Kalika, D. S.: Crystallization, Melting, and Rheology of Reactive Polyamide Blends, 1245
Lam, Y. C. See Tang, L. W., 2071
Leamen, M. J.
—; McManus, N. T.; Penlidis, A.: Refractive Index Increment *(dn/dc)* Using GPC for the α-Methyl Styrene/Methyl Methacrylate Copolymer at 670 nm in Tetrahydrofuran, 2545
Leblanc, J. L. See Gaulliard, V., 142
Le Bras, M. See Drevelle, C., 717
Lee, A.-C. See Lin, R.-H., 345
Lee, D.-K.
—; Tsai, H.-B.; Wang, H.-H.; Tsai, R.-S.: Aqueous Polyurethane Dispersions Derived from Polycarbonatediols, 1723
Lee, D.-S. See Park, Y.-W., 1780, 1947
Lee, J. Y. See Park, C., 308
Lee, K. R. See Tsai, H. A., 1562
Lee, M. C. See Park, M.-C., 1456
Lee, N.-J. See Lee, S.-M., 57
Lee, N. S. See Grunlan, M. A., 023
Lee, S. G. See Ahn, S. H., 812
Lee, S. H. See Bang, Y. H., 1265
Lee, S.-M.
—; Lee, N.-J.; Ha, C.-S.; Cho, W.-J.: Syntheses and Biological Activities of Polymers Containing Methacryloyl-2-oxy-1,2,3-propanetricarboxylic Acid or 5-Fluorouracil, 57
Lee, W.-F.
—; Chen, Y.-C.: Effect of Hydrotalcite on the Physical Properties and Drug-Release Behavior of Nanocomposite Hydrogels Based on Poly[acrylic acid-*co*-poly(ethylene glycol) methyl ether acrylate] Gels, 692
—; Chen, Y.-C.: Superabsorbant Polymeric Materials. XIV. Preparation and Water Absorbency of Nanocomposite Superabsorbents Containing Intercalated Hydrotalcite, 2417
—; Jou, L.-L.: Effect of the Intercalation Agent Content of Montmorillonite on the Swelling Behavior and Drug Release Behavior of Nanocomposite Hydrogels, 74
Lee, Y. H. See Jeong, W. Y., 1062
Lefebvre, J. See Drevelle, C., 717
Lei, Y. See Huang, S., 954
Lelli, G. See Torre, L., 1676
Leong, Y.K. See Yeow, Y. L., 1625
Leveson, P.
—; Dunk, W. A. E.; Jachuck, R. J.: Investigation of Shear Effects on Styrene Free Radical Polymerization Using a Narrow Channel Reactor, 1365
Li, A.
—; Wang, A.; Chen, J.: Studies on Poly(acrylic acid)/Attapulgite Superabsorbent Composites. II. Swelling Behaviors of Superabsorbent Composites in Saline Solutions and Hydrophilic Solvent–Water Mixtures, 1869
Li, B.-G. See Huang, B., 1449
Li, F.-M. See Zhang, Z.-G., 2217
Li, G. See Zhongyu, L., 2280
Li, H. See Liu, G., 977
Li, J. See Chen, F., 1375; Ni, P., 534; Xu, Q., 2158
Li, L. See Tang, L. W., 2071
Li, Q. See Su, Z., 1504; Yang, Z., 197
Li, R. K. Y. See Huang, L., 1885; Li, X. H., 711
Li, S. See Ni, P., 534
Li, W.
—; See Yang, X., 1670
—; Huang, Y. D.; Ahmadi, S. J.: Preparation and Properties of Ethylene–Propylene–Diene Rubber/Organomontmorillonite Nancomposites, 440
Li, W.-Y. See Hu, X.-P., 1556
Li, X.
—; See Niu, H., 2274
—; See Pan, M., 277
—; See Xiang, J., 2431
—; Na, H.; Lu, H.: Novel Sulfonated Poly(ether ether ketone ketone) Derived from Bisphenol S, 1569
Li, X.-D. See Chu, Z.-Y., 105
Li, X. H.
—; Meng, Y. Z.; Chen, G. Q.; Li, R. K. Y.: Thermal Properties and Rheological Behavior of Biodegradable Aliphatic Polycarbonate Derived from Carbon Dioxide and Propylene Oxide, 711
Li, Y.
—; Morgan, R. J.; Tschen, F.; Sue, H.-J.; Lopata, V.: Electron-Beam Curing of Bismaleimide-Reactive Diluent Resins, 2407
—; Wang, Z.: Mathematical Simulation of Dynamic Coupled Heat and Liquid Moisture in Multilayer Anisotropic Porous Polymers, 1590
Li, Y.-B. See Zhang, Z.-G., 2217
Li, Z.
—; Qin, J.; Yang, Z.; Ye, C.: Synthesis and Structural Characterization of a New Polysiloxane with Second-Order Nonlinear Optical Effect, 769
—; Zhang, J.; Du, J.; Mu, T.; Liu, Z.; Chen, J.; Han, B.: Preparation of Cadmium Sulfide/Poly(methyl methacrylate) Composites by Precipitation with Compressed CO_2, 1634, 1643
Liang, Y. See Chen, H., 1151
Liao, K. See Liu, H., 211
Liao, Y.-T. See Huang, P.-Y., 1466
Lien, Y.-H. See Wu, T.-M., 2196
Lin, B.-P.
—; Pan, Y.; Qian, Y.; Yuan, C.-W.: Comparative Study of Silicon-Containing Polyimides from Different Oxydianilines, 2363
Lin C.-W. See Lin, R.-H., 345
Lin, D.-J.
—; Chen, C.-C.; Su, Y.-C.; Huang, S.-H.; Cheng, L.-P.: Preparation of Silica-Filled Poly(2-hydroxymethyl methacrylate) Nanocomposites Cured by Photoirradiation during the Sol–Gel Process, 1927
Lin, J.-J.
—; Chen, S.-M.; Hu, S.-S.: Poly(oxyethylene)diamine-Derived Hydrophilic Copolymers for Emulsifying Diglycidylether of Bisphenol-A, 1797
Lin, R.-H.
—; Lee, A.-C.; Lu, W.-H.; Lin, C.-W.: Catalyst Effect on Cure Reactions in the Blend of Aromatic Dicyanate Ester and Bismaleimide, 345
Lin, Y.
—; Wang, L.; Zhang, A.; Hu, H.; Zhou, Y.: Particle Size Distribution, Mixing Behavior, and Mechanical Properties of Carbon Black (High-Abrasion Furnace)-Filled Powdered Styrene Butadiene Rubber, 2494
Lindström, M. See Berthold, F., 424
Ling, H.-J. See Lai, J.-Z., 845
Ling, L. See Wu, G., 1705
Liou, S.-J. See Yeh, J.-M., 1936
Liu, C.
—; Xu, X.; Huang, J.: Spontaneous Copolymerization of *N*-Butyl Maleimide and Ethyl α-Phenyl

Acrylate with High Alternating Tendency, 355
Liu, D. See Dong, L., 432
Liu, G.
—; Chen, Y.; Li, H.: Study on Processing of Ultrahigh Molecular Weight Polyethylene/ Polypropylene Blends, 977
Liu, H.
—; See Liu, X., 2205
—; Liao, K.: Tensile Behavior and Morphology Studies of Glass-Fiber-Reinforced Polymeric *In Situ* Hybrid Composites, 211
—; Yang, G.; He, A.; Wu, M.: Isothermal and Nonisothermal Crystallization Kinetics of a Semicrystalline Copolyterephthalamide Based on Poly(decamethylene terephthalamide), 819
Liu, R. Y. F.
—; Hu, Y. S.; Schiraldi, D. A.; Hiltner, A.; Baer, E.: Crystallinity and Oxygen Transport Properties of PET Bottle Walls, 671
Liu, T.
—; Tjiu, W. C.; Tong, Y.; He, C.; Goh, S. S.; Chung, T.-S.: Morphology and Fracture Behavior of Intercalated Epoxy/Clay Nanocomposites, 1236
Liu, W.
—; Zhang, J.; Cheng, N.; Cao, Z.; Yao, K.: Anticoagulation Activity of Crosslinked *N*-Sulfofurfuryl Chitosan Membranes, 53
Liu, X.
—; Guan, Y.; Yang, Y.; Ma, Z.; Wu, X.; Liu, H.: Preparation of Superparamagnetic Immunomicrospheres and Application for Antibody Purification, 2205
—; See Zhou, Y., 1126
Liu, X. Q.
—; Wang, Y. S.; Zhu, J. H.: Epoxy Resin/Polyurethane Functio nally Graded Material Prepared by Microwave Irradiation, 994
Liu, Y.
—; Meng, L.; Huang, Y.; Du, J.: Recycling of Carbon/Epoxy Composites, 1912
Liu, Z. See Dong, Z., 1194; Li, Z., 1634, 1643; Zhu, B., 2451
Lizymol, P. P.
—; Effects of Diluent's Concentration upon the Properties of Organically Modified Ceramics Based Composites for Application in Dentistry, 469
Ljungberg, N.
—; Wesslén, B.: Thermomechanical Film Properties and Aging of Blends of Poly(lactic acid) and Malonate Oligomers, 2140
Löfgren, B. See Motha, K., 1094
Lopara, V. See Li, Y., 2407
López, J. See Abad, M. J., 1763
López-Dehesa, C. See González-Marcos, J. A., 1395
Lorenzi, D. See Pucci, A., 372
Lu, C. See Wu, G., 1705
Lu, H. See Li, X., 1569
Lu, S. See Dong, L., 432
Lu, W.-H. See Lin, R.-H., 345
Lu, X. See Wan, T., 1381
Lubczak, J. See Zarzyka-Niemiec, I., 317
Lucas, E. F. See Feder, A. L., Jr., 1473
Lucia, L. A. See Mancosky, D. G., 177
Luo, S. L. See Jiao, S. Q., 1389
Lusenkova, M. A. See Itakura, M., 1101
Luyt, A. S. See Novák, I., 529
Lyoo, W. S.
—; See Yeum, J. H., 1435
—; Kwak, J. W.; Choi, K. H.; Noh, S. K.: Preparation of High Molecular Weight Poly(vinyl alcohol) with High Yield by Emulsion Polymerization of Vinyl Acetate Using 2,2;-Azobis(2-amidinopropane) Dihydrochloride, 2356

Ma, R.-T. See Zhang, S.-L., 839
Ma, Z. See Liu, X., 2205
Mabuchi, H. See Narisawa, M., 1612
Macocinschi, D. See Popescu, M.-C., 1156
Maekawa, M. See Higuchi, A., 1737
Magniez, C. See Drevelle, C., 717
Mahulikar, P. P. See Borole, D. D., 1877
Maity, A.
—; Biswas, M.: Water-Dispersible Conducting Nanocomposites of Binary Polymer Systems. I. Poly(*N*-vinylcarbazole)-Polyaniline-$A1l_2O_3$ Nanocomposite System, 803
Mallikarjuna, N. N.
—; See Naidu, B. V. K., 2548
—; Venkataraman, A., Aminabhavi, T. M.: A Study on γ-Fe_2O_3 Loaded Poly(methyl methacrylate) Nanocomposites, 2551
Mancosky, D. G.
—; Lucia, L. A.; Deng, Y.: The Effects of Lignocellulosic Fiber Surface Area on the Dynamics of Lignin Oxidation and Diffusion, 177
Mansour, A. A. See El-Taweel, S. H., 2528
Mark, J. E. See Hassan, M. K, 2257
Marković, N.
—; Ginić-Marković, M.; Dutta, N. K.: Benzene Physical and Chemical Organogels: Effect of Network Scaffolding on thne Thermodynamic Behavior of Entrapped Solvent Molecules, 1253
Martínez-Vega, J. See Reyes-Melo, E., 657
Martins, M. A.
—; Kiyohara, P. K.; Joekes, I.: Scanning Electron Microscopy Study of Raw and Chemically Modified Sisal Fibers, 2333
Martiš, P. See Košíková, B., 1855
Mascia, L.
—; Heath, R. J.; Ng, V. S. Y.: Selective Repartition of *In Situ* Generated Silica Produced During the Evolution of an Epoxide Network from a Homogeneous Precursors Mixture and Effects on Properties, 1279
Mathias, L. J. See Dizman, B., 635
Matsumoto, A. See Ikeda, J.-i., 1086; Kiguchi, T., 1198
Matsuyama, S. See Itakura, M., 1101
Matthews, S. R.
—; Hwang, Y. J.; McCord, M. G.; Bourham, M. A.: Investigation into Etching Mechanism of Polyethylene Terephthalate (PET) Films Treated in Helium and Oxygenated-Helium Atmospheric Plasmas, 2383
Mattoso, L. H. C. See Zucolotto, V., 553
Matuana, L. M. See Stark, N. M., 2263
Matveeva, E.
—; Carrascosa, R. E.; Palomino, R. J. M.; Parkhutik, V.: Simple Chemical Polymerization Method for the Deposition of a Conducting Polyaniline on the Surface of Acrylonitrile-Butadiene-Styrene. II. Treatment in Organic Free Solvent, 1752
Maurer, F. H. J. See Carlberg, M., 2240
McCarthy, S. See Zhang, J., 483

McCord, M. G. See Matthews, S. R., 2383
McCormick, C. L. See Fevola, M. J., 9
McManus, N. T. See Leaman, M. J., 2545
Melekaslan, D. See Gundogan, N., 135
Meng, L. See Liu, Y., 1912
Meng, Y. Z. See Li, X. H., 711
Menteş, A. See Arslan, H., 1789
Minsker, K. S.
—; Zakharov, V. P.; Berlin, A. A.; Zaikov, G. E.: Influence of Turbulent Mixing on Fast Polymerization Reactions, 613
Mishima, S.
—; Nakagawa, T.: Pervaporation Properties of Humic Acid-Added Membranes, 461
Mishra, S.
—; Bajpai, J.; Bajpai, A. K.: Evaluation of the Water Sorption and Controlled-Release Potential of Binary Polymeric Beads of Starch and Alginate Loaded with Potassium Nitrate as an Agrochemical, 1815
—; Sonawane, S. H.; Singh, R. P.; Bendale, A.; Patil, K.: Effect of Nano-$Mg(OH)_2$ on the Mechanical and Flame-Retarding Properties of Polypropylene Composites, 116
Moczyński, M. See Danch, A., 1186
Mohammad, A. W. See Ahmad, A. L., 394
Mohan, D. See Muthukumar, M., 1107
Mohanty, S.
—; Verma, S. K.; Nayak, S. K.; Tripathy, S. S.: Influence of Fiber Treatment on the Performance of Sisal-Polypropylene Composites, 1336
Mohd Ishak, Z. A. See Teh, P. L., 2438
Mondragon, I. See Gañán, P., 1489
Monrabal, B. See Vilaplana, F., 1803
Moore, E. M.
—; Shambaugh, R. L.; Papavassiliou, D. V.: Analysis of Isothermal Annular Jets: Comparison of Computational Fluid Dynamics and Experimental Data, 909
Morbidelli, M. See Campbell, J. D., 890
Morera-Escrich, V. See Vilaplana, F., 1803
Morgan, R. J. See Li, Y., 2407
Morita, K. See Nakane, K., 965
Morita, T.
—; Taniguchi, R.; Kato, J.: Study on Fiber Structure Formation in Wet Spinning of Aliphatic Polyketone Using Aqueous Solution of Complex Metal Salts—Characteristics of Solid Structure Formation in Drying Step and Its Effects on Superdrawing Step, 446
Motha, K.
—; Hippi, U.; Hakala, K.; Peltonen, M.; Ojanperä, V.; Löfgren, B.; Seppälä, J.: Metallocene Based Funtionalized Polyolefins as Compatabilizers in Polyolefin Nanocomposites, 1094
Motion, R. See Vartianen, J., 986
Motta, O. See Blanco, I., 361
Moussaif, N. See Omonov, T. S., 2538
Mu, B. See Pei, X., 1043
Mu, T. See Li, Z., 1634, 1643
Mucciolo, A. See Parra, D. F., 865
Muthukumar, M.
—; Mohan, D.: Optimization of Mechanical Properties of Polymer Concrete and Mix Design Recomendation Based on Design of Experiments, 1107
Muyibi, S. A. See Qudsieh, I. Y. M., 1891

Na H. See Li, X., 1569
Nabid, M. R.
—; Entezami, A. A.: A Novel Method for Synthesis of Water-Soluble Polypyrrole with Horseradish Peroxidase Enzyme, 254
Naderi, N. See Sharifi-Sanjani, N., 1898
Nagpal, A. K. See Begman, T., 40
Naidu, B. V. K.
—; See Aminabhavi, T. M., 2057
—; See Aminbhavi, T. M., 1827
—; Mallikarjuna, N. N.; Aminabhavi, T. M.: Blend Compatibility Studies of Polystyrene/Poly(methyl methacrylate) and Polystyrene/Styrene-Acrylonitrile by Densitometry, Viscometry, Refractometry, Ultraviolet Absorbance, and Fluorescence Techniques at 30°C, 2548
Nair, K. C. M. See Devi, L. U., 503
Nakagawa, T. See Mishima, S., 461
Nakane. K.
—; Hata, Y.; Morita, K.; Ogihara, T.; Ogata, N.: Porous Poly(L-lactic acid)/Poly(ethylene glycol) Blend Films, 965
Namazi, H.
—; Rad, S. J.: Synthesis of Block and Grafted Copolymers Containing Spacer-Linked Chromophore Based on Cellulose and Polyethylene Glycol, 1175
Narisawa, M.
—; Ukon, H.; Mabuchi, H.; Okamura, K.; Kurachi, Y.: SiC Microsphere Derived from Phenolic Resin—Ethyl Silicate Heterogeneous Precursors with Carbothermic Reduction, 1612
Narkis, M. See Sergienko, A. Y., 2233
Nayak, S. K. See Mohanty, S., 1336
Neelakantan, N. R. See Geethamma, V. G., 96
Neway, B.
—; Gedde, U. W.: Influence of the Method of Mixing on Homogeneity and Crystallization Kinetics of Blends of Linear and Branched Polyethylene, 1730
Ng, V. S. Y. See Mascia, L., 1279
Ng, W. K. See Tam, K. C., 604
Ni, P.
—; Li, J.; Suo, J.; Li, S.: Novel Polyether Polyurethane/Clay Nanocomposites Synthesized with Organic-Modified Montmorillonite as Chain Extenders, 534
Ni, X. See Su, X., 2286
Nightingale, S. A. See Wells, L. J., 267
Ninan, K. N. See Devapal, D., 2368
Ning, P. See Guo, X., 2489
Niu, G. C.-C. See Kuo, S. M., 2150
Niu, H.
—; Huang, Y.; Bai, X.; Li, X.; Yang, Q.: Photoinduced Birefringence Properties of Poly-Schiff Bases Containing Triphenylamine, 2274
Noda, I. See Hassan, M. K, 2257
Nodera, A.
—; Kanai, T.: Thermal Decomposition Behavior and Flame Retardancy of Polycarbonate Containing Organic Metal Salts: Effect of Salt Composition, 2131
Noh, S. K. See Lyoo, W. S., 2356; Yeum, J. H., 1435
Nohmi, T. See Higuchi, A., 1737
Novák, I.
—; Krupa, I.; Luyt, A. S.: Modification of the Polarity of Isotactic Polypropylene through Blending with Oxidized Paraffin Wax, 529

Nunes, R. C. R. See Castro, D. F., 1575

Ogata, N. See Nakane, K., 965
Ogbebor, O. J.
—; Farid, A. S.; Okwu, U. N.: Properties of Silica/Clay Filled Heavy-Duty Truck Tire Thread Formulation, 1024
Ogihara, T. See Nakane, K., 965
Oh, J.-M.
—; Cho, C.-S.; Choi, H.-K.: A Mucoadhesive Polymer Prepared by Template Polymerization of Acrylic Acid in the Presence of Poly(vinyl Alcohol) for Mucosal Drug Delivery, 327
Ojanperä, V. See Motha, K., 1094
Okamura, K. See Narisawa, M., 1612
Okay, O. See Gundogan, N., 135
Öksüz, M.
—; Yildirim, H.: Structure and Properties of Flame-Sprayed Poly(Ethylene-Co-Vinyl alcohol) Copolymer Coatings, 1357
Okuda, Y.
—; Hayashi, F.; Sakurai, H.; Shiotani, M.: Graft Polymerization of Methacrylic Acid onto Polytetrafluoroethylene Initiated by Alkyllithium/Electron-Donating Solvents, 923
Okwu, U. N. See Ogbedor, O. J., 1024
Olaru, L. See Olaru, N., 1965
Olaru, M. See Buruiana, E. C., 2324
Olaru, N.
—; Olaru, L.: Cellulose Acetate Deacetylation in Benzene/Acetic Acid/Water Systems, 1965
Oliet, M. See Alonso, M. V., 643
Omonov, T. S.
—; Harrats, C.; Moussaif, N.; Groeninckx, G.; Sadykov, Sh.G.; Ashurov, N. R.: Polyamide 6/Ethylene-Butylene Elastomer Blends Generated via Anionic Polymerization of ε-Caprolactam: Phase Morphology and Dynamic Mechanical Behavior, 2538
Önal, M. See Çelik, M., 1532
Ooi, B. S. See Ahmad, A. L., 394
Ortiz-Méndez, U. See Reyes-Melo, E., 657
Ouajai, S.
—; Hodzic, A.; Shanks, R. A.: Morphological and Grafting Modification of Natural Cellulose Fibers, 2456
Ouyang, F. See Yang, Z., 197

Packirisamy, S. See Devapal, D., 2368
Pai, S. J.
—; Bae, Y. C.; Kong, S. H.; Ryu, S. O.: Mathematical Modeling of the Phase Behaviors of Solid-Polymer-Electrolyte/Salt Systems in Lithium Secondary Batteries: The Nonrandomness Effect, 231
Pal, K.
—; Rastogi, J. N.: Development of Halogen-Free Flame-Retardant Thermoplastic Elastomer Polymer Blend, 407
Palaty, S. See Sasidharan, K. K., 1164
Palomino, R. J. M. See Matveeva, E., 1752
Pan, M.
—; Shi, X.; Li, X.; Hu, H.; Zhang, L.: Morphology and Properties of PVC/Clay Nanocomposites via *In Situ* Emulsion Polymerization, 277
Pan, Y. See Lin, B.-P., 2363
Pang, M. See Xu, Q., 2158
Papavassiliou, D. V., 909
Park, C.
—; Lee, J. Y.; Chun, B. C.; Chung, Y.-C.; Cho, J. W.; Cho, B. G.: Shape Memory Effect of Poly(ethylene terephthalate) and Poly(ehtylene glycol) Copolymer Cross-linked with Glycerol and Sulfoisophthalate Group and Its Application to Impact-Absorbing Composite Material, 308
Park, C.-C. See Kim, M.-S., 2212
Park, C. H.
—; Kang, Y. K.; Im, S. S.: Biodegradability of Cellulose Fabrics, 248
Park, J.-K. See Liu, R. Y. F., 678
Park, M.-C.
—; Lee, M. C.: Effects of Polymeric Emulsifiers on the Properties of Acrylic Emulsion Pressure-Sensitive Adhesives, 1456
Park, Y.-W.
—; Lee, D.-S.: Mechanical and Thermal Properties of Ceramic-Modified Poly(amide imide), 1780
—; Lee, D.-S.: Surface and Thermal Characteristics of Rubber-Modified Aromatic Polyamide, 1947
Parkhutik, V. See Matveeva, E., 1752
Parra, D. F.
—; Mucciolo, A.; Brito, H. F.: Green Luminescence System Containing a Tb^{3+}-β-Diketonate Complex Doped I the Epoxy Resin as Sensitizer, 865
Passaglia, E. See Pucci, A., 372
Patil, K. See Mishra, S., 116
Pei, M.
—; Wang, D.; Hu, X.; Zhao, Y.; Xu, Y.; Wu, J.; Xu, D.: Performance Characteristics of Subdenier Monofilament Polypropylene Fiber Reinforced Mortars, 2251
Pei, X.
—; Wang, Q.; Wang, H.; Mu, B.: Effect of Proton Implantation on the Tribological Properties of Phenolphthalein Poly(ether sulfone), 1043
Peirano, F. See Vincent, T., 1634
Peltonen, M. See Motha, K., 1094
Peng, G.
—; Hao, W.; Yang, D.; He, S.: Degradation of Polyimide Film Under Vacuum Ultraviolet Irradiation, 1370
Peng, M. See Zheng, Q., 2187
Peng, Q. See Xu, Q., 2158
Penlidis, A. See Leaman, M. J., 2545
Peppley, B. See Wan, Y., 2309
Percino, M. J.
—; Chapela, V. M.; Jiménez, A.: Free Radical Polymerization Kinetics of Monomers Functionalized with $-AsO(OH)_2$ in Aqueous Media, 1662
Pimpan, V. See Chuayjuljit, S., 1496
Polimeni, G. See Pucci, A., 372
Popescu, M.-C.
—; Vasile, C.; Filip, D.; Macocinschi, D.; Singurel, Gh.: Characterization by Fourier Transform Infared Spectroscopy of Polyethylene Adipate/Cholesteryl Palmitate Blends, 1156
Posadas, P. See Ibarra, L., 332
Pothen, L. A. See Geethamma, V. G., 96
Pötschke, P. See Krache, R., 1976
Pradhana, S. I. See Yeow, Y. L., 1625
Prasannakumar, S. See Sanmathi, C.S., 1029
Pucci, A.
—; Lorenzi, D.; Coltelli, M.-B.; Polimeni, G.; Passaglia, E.: Controlled Degradation by Melt Processing with Oxygen or Peroxide of Ethylene/Propylene Copolymers, 372
Putaux, J.-L. See Durrier, V., 700

Qian, Y. See Lin, B.-P., 2363
Qian, Z.
—; Xi, C.; Xu, J., Guo, B.: Chain Extension of PA1010 by Reactive

Extrusion by Diepoxide 711 and Diepoxide TDE85 as Chain Extenders, 2347
Qiang, R.
—; Aiying, L.; Bibiao, J.; Dongliang, Z.; Jianhai, C.: Studies on the Blends of Polycarbonate and Highly Branched Polystyrene, 2425
Qiao, W. See Kong, J., 1710
Qin, J. See Li, Z., 769
Qudsieh, I. Y. M.
—; Fakhru'l-Razi, A.; Muyibi, S. A.; Ahmad, M. B.; Rahman, M. Z. A., Yunus, W. M. Z. W.: Preparation and Characterization of Poly(methylmethacrylate) Grafted Sago Starch Using Potassium Persulfate as Redox Initiator, 1891
Qui, W.
—; Endo, T.; Hirotsu, T.: Interfacial Interactions of a Novel Mechanochemical Composite of Cellulose with Maleated Polypropylene, 1326

Rad, S. J. See Namazi, H., 1175
Radhakrishnan, C. K.
—; Sujith, A.; Unnikrishnan, G.; Thomas, S.: Effects of the Blend Ratio and Crosslinking Systems on the Curing Behavior, Morphology, and Mechanical Properties of Styrene–Butadiene Rubber/Poly(ethylene-*co*-vinyl acetate) Blends, 827
Radon, A. See Danch, A., 1186
Rahman, M. Z. A. See Qudsieh, I. Y. M., 1891
Rai, P. K. See Roy, P. K., 1771
Raimo, M.
—; Influence of Temperature Changes on Crystallization of an Ethylene–Propylene Random Copolymer, 2008
Raina, K. K. See Sumana, G., 159
Ramirez, C. See Abad, M. J., 1763
Rana, A. K. See Ray, D., 123
Ranji, A. See Sharifi-Sanjani, N., 1898
Rastogi, J. N. See Pal, K., 407
Rättö, M. See Vartianen, J., 986
Rawat, A. S. See Roy, P. K., 1771
Ray, D.
—; Sarkar, B. K.; Basak, R. K.; Rana, A. K.: Thermal Behavior of Vinyl Ester Resin Matrix Composites Reinforced with Alkali-Treated Jute Fibers, 123
Recca, A. See Blanco, I., 361
Reddy, G. V. R.
—; Kumar, C. R.; Sriram, R.: Microemulsion Copolymerization of Methyl Methacrylate with Acrylonitrile, 739
Ren, L. See Chen, F., 1375
Ren, X. See Xu, Q., 593
Revel'skaya, L. G. See Buyanov, A. L., 1461
Reyes-Melo, E.
—; Martínez-Vega, J.; Guerrero-Salazar, C.; Ortiz-Méndez, U.: On the Modeling of the Dynamic-Elastic Modulus for Polymer Materials under Isochronal Conditions, 657
Rhao, B. See Geethamma, V. G., 96
Ribes-Greus, A. See Vilaplana, F., 1803
Rodríguez-Pérez, M. A. See Arencón, D., 1981
Rodríguez, F. See Alonso, M. V., 643
Roy, P. K.
—; Rawat, A. S.; Choudhary, V.; Rai, P. K.: Synthesis and Analytical Application of a Chelating Resin Based on a Crosslinked Styrene/Maleic Acid Copolymer for the Extraction of Trace-Metal Ions, 1771
Rozsa, C. See Cyras, V. P., 1657
Rusova, E. Y. See Buyanov, A. L., 1461
Ryu, S. H. See Suh, I. S., 1057
Ryu, S. O. See Pai, S. J., 231

Sadykov, Sh. G. See Omonov, T. S., 2538
Said, H. M. See Alla, S. G. A., 167
Saito, T. See Itakura, M., 1101
Sakurai, H. See Okuda, Y., 923
Salmén, L. See Åkerholm, M., 2032
Sancaktar, E.
—; Walker, E.: Effects of Calcium Carbonate, Talc, Mica, and Glass-Fiber Fillers on the Ultrasonic Weld Strength of Polypropylene, 1986
Sanda, F. See Suzuki, K., 961
Sanmathi, C. S.
—; Prasannakumar, S.; Sherigara, B. S.: Interpenetrating Polymer Networks Based on Polyol Modified Castor Oil Polyurethane and Poly(2-ethoxyethyl methacrylate): Synthesis, Chemical, Mechanical, Thermal Properties and Morphology, 1029
Sarkar, B. K. See Ray, D., 123
Sasidharan, K. K.
—; Palaty, S.; Gopalakrishnan, K. S.; George, K. E.; Joseph R.: Room Temperature Prevulcanization of Natural Rubber Latex Using Xanthate, 1164
Sato, K. See Itakura, M., 1101
Sayyah, S. M.
—; El-Rehim, S. S. A.; El-Deeb, M. M.: Kinetic Studies on the Electrochemical Polymerization of 3-Chloroaniline and Characterization of the Obtained Polymer Films, 941
Schiraldi, D. A. See Liu, R. Y. F., 671
Schollmeyer, E. See Textor, T., 789
Schollmeyer, H. See Textor, T., 789
Schork, F. J.
—; Back, A.: Inhibition Effects in Emulsion and Miniemulsion Polymerization of Monomers with Extremely Low Water Solubility, 2555
Sekki, D. See Heuzey, M.-C., 569
Seliger, H. See El-Taweel, S. H., 2528
Seppälä, J. See Motha, K., 1094
Sergienko, A. Y.
—; Tai, H.; Narkis, M.; Silverstein, M. S.: Polymerized High Internal Phase Emulsions Containing a Porogen: Specific Surface Area and Sorption, 2233
Shah, G. B.
—; The Effect of Bimodality on the Tear Properties of Filled Silicone Networks, 1719
Shambaugh, R. L. See Moore, E. M., 909
Shan, G.-R. See Sheng, W.-C., 1035
Shangguan, Y. See Zheng, Q., 2187
Shanks, R. A. See Ouajai, S., 2456
Shao, H. See Zhang, H., 598
Sharaf, M. A. See Hassan, M. K, 2257
Sharifi-Sanjani, N.
—; Soltan-Dehghan, M.; Naderi, N.; Ranji, A.: Emulsifier-Free Emulsion Polymerization of Styrene, 1898
Sharma, P. See Gupta, S., 1606
Sharma, R. See Bhat, S. A., 775
Sheng, W.-C.
—; Wu, J.-Y.; Shan, G.-R.; Huang, Z.-M.; Weng, Z.-X.: Free-Radical Bulk Polymerization of Styrene with a New Trifunctional Cyclic Peroxide Initiator, 1035
Sherigara, B. S. See Sanmathi, C.S., 1029
Shi, H. See Wu, H., 2522
Shi, W. See Deng, J., 2065
Shi, X. See Pan, M., 277

Shibata, M.
—; Kuribayashi, M.; Uda, T.: Metallization of Crosslinked Epoxy Resins Derived from Diglycidyl Ethers of Poly(ethylene glycol) and Bisphenol A by Reduction of Polymer-Incorporated Cobalt Ion, 2164
Shieh, J.-Y.
—; Hsu, P.-H.; Wang, C. S.: Synthesis and Characterization of Novel Polyesterimides, 730
Shimada, K. See Itakura, M., 1101
Shiotani, M. See Okuda, Y., 923
Silverstein, M. S. See Sergienko, A. Y., 2233
Simionescu, B. C. See Buruiana, E. C., 2324
Simunovic, S. See Jacob, G. C., 296
Singh, H. See Gupta, B., 2509
Singh, R. P. See Adhikary, P., 1411; Biswal, D. R., 1480; Mishra, S., 116
Singhal, R. See Begman, T., 40
Singurel, Gh. See Popescu, M.-C., 1156
Siridamrong, P. See Chuayjuljit, S., 1496
Sjöholm, E. See Berthold, F., 424
Skyttä, E. See Vartianen, J., 986
Solis, F. J. See Weiss-Malik, R. A., 2110
Soltan-Dehghan, M. See Sharifi-Sanjani, N., 1898
Sonawane, S. H. See Mishra, S., 116
Song, B. See Yang, Z., 197
Song, H. See Zhang, D., 1218
Song, M. See Guo, T., 238
Song, Y.-C. See Chu, Z.-Y., 105
Soni, P. L. See Gupta, S., 1606
Spinks, G. M. See Wells, L. J., 267
Sreenivasan, K.
—; Enhanced Drug Uptake and Retention by Surface Phosporylated Polyvinyl Alcohol, 651
—; Imparting Affinity Sites for Adenosine Triphosphate on the Surface of Polyurethane Through Molecular Imprinting, 2088
Sridhar, S. See Aminbhavi, T. M., 1827
Sriram, R. See Reddy, G. V. R., 739
Starbuck, J. M. See Jacob, G. C., 296
Stark, N. M.
—; Matuana, L. M.: Surface Chemistry and Mechanical Property Changes of Wood-Flour/High-Density-Polyethylene Composites after Accelerated Weathering, 2263
Stelzer, F. See Danch, A., 1186
Stoeva, S.
—; Structural and Conformational Changes in Solid-Phase Chlorinated Polyethylene, 189
Stoll, B. See El-Taweel, S. H., 2528
Su, X.
—; Ni, X.: Block Copolymer of *trans*-Polyisoprene and Urethane Segment: Crystallization Behavior and Morphology, 2286
Su, Y.-C.
—; See Lin, D.-J., 1927
—; Chen, W.-C.; Chang, F. C.: Investigation of the Thermal Properties of Novel Adamantane-Modified Polybenzoxazine, 932
Su, Z.
—; Jiang, P.; Li, Q.; Wei, P.; Wang, G.; Zhang, Y.: Mechanical Properties and Morphological Structures Relationship of Blends Based on Sulfated EPDM Ionomer and Polypropylene, 1504
Suarez, J. C. M. See Castro, D. F., 1575
Sue, H.-J. See Li, Y., 2407
Sugita, Y. See Suzuki, K., 961
Suh, I. S.
—; Ryu, S. H.; Bae, J. H.; Chang, Y. W.: Effects of Compatibilizer on the Layered Silicate/Ethylene Vinyl Acetate Nanocomposite, 1057
Sujith, A. See Radhakrishnan, C. K., 827
Sulkowski, W. W. See Danch, A., 1186
Sumana, G.
—; Raina, K. K.: Influence of Polymer Viscosity on the Morphological and Opto-Electronic Behavior of Polysiloxane Dispersed Ferroelectric Liquid Crystal Composite Thin Films, 159
Sun, C. (Qin) See Zhang, D., 1218
Sun, D. See Dong, Z., 1194
Sun, G. See Cai, Z., 243
Sun, K. See Yan, H., 1511, 2295
Sun, X. See Zhang, J.-F., 1697
Sung, C. S. P. See Grunden, B. L., 2446
Sung, S.-J. See Liu, R. Y. F., 678
Suo, J. See Ni, P., 34
Suzukim K.
—; Horii, H.; Sugita, Y.; Sanda, F.; Enod, T.: Promotion Effect of Bifunctional Five-Membered Cyclic Dithiocarbonate on Curing of One-Component Epoxy Resin by Imines as Lament Initiator, 961
Szosland, L. See Wlochowicz, A., 1861
Szumilewicz, J. See Wlochowicz, A., 1861

Tahir, P. M. See Yeng, W. S., 154
Tai, H. See Sergienko, A. Y., 2233
Tam, K. C.
—; See Tang, L. W., 2071
—; Ng, W. K.; Jenkins, R. D.: Thermal Properties of Hydrophobically Modified Methacrylic Acid-Ethyl Acrylate Copolymer Solutions, 604
Tambe, S. M. See Kittur, A. A., 2101
Tan, C. K. See Chen, J., 796
Tan, H. C. L. See Yeow, Y. L., 1625
Tang, L. W.
—; Tam, K. C.; Yue, C. Y.; Hu, X.; Lam, Y. C.; Li, L.: Rheological and Mechanical Properties of Compatibilized Polystyrene/Ethylene Vinyl Acetate Blends, 2071
Tang, M.
—; Huang, Y.-C.; Chen, Y.-P.: Sorption and Diffusion of Supercritical Carbon Dioxide into Polysulfone, 474
Tang, X.
—; Wang, X.; Yan, J.: Water-Swellable Hydrophobic Porous Copolymer Resins Based on Divinylbenzene and Acrylonitrile. II. Pore Structure and Adsorption Behavior, 2050
—; Wei, T. J.; Yan, J.: Water-Swellable Hydrophobic Porous Copolymer Resins Based on Divinylbenzene and Acrylonitrile. I. Water-Swelling Behavior, 2041
Taniguchi, R. See Morita, T., 446
Teh, P. L.
—; Mohd Ishak, Z. A.; Hashim, A. S.; Karger-Kocsis, J.; Ishiaku, U. S.: On The Potential of Organoclay with Respect to Conventional Fillers (CarbonBlack, Silica) for Epoxidized Natural Rubber Compatibilized Natural Rubber Vulcanizates, 2438
Teixeira, C. L. S. See Feder, A. L., Jr., 1473
Tetlow, J. See Degamber, B., 83
Textor, T.
—; Schollmeyer, H.; Bahners, T.; Schollmeyer, E.: Modification of Low Energy Polymer Surfaces by Immobilization of Fluorinated

Carboxylates with Zirconium-Based Coupling Agents, 789
Teymour, F. See Campbell, J. D., 890
Thachil, E. T. See Cherian. A. B., 1956
Thomas, N. L.
—; Alloying of Poly(vinyl chloride) to Reduce Plasticizer Migration, 2022
Thomas, S. See Devi, L. U., 503; Geethamma, V. G., 96; Radhakrishnan, C. K., 827
Tian, M. See Zhang, Q., 2341
Tiwari, L. B. See Jahagirdar, C. J., 2014
Tjiu, W. C. See Liu, T., 1236
Tjong, S. C.
—; Xu, S. A.: Mechanical Properties of Glass Fiber and Liquid Crystalline Polymer Reinforced Polypropylene Hybrid Composites Toughened with Elastomers, 1539
Tomar, R. S. See Begman, T., 40
Tong, A.-J. See Jiang, Y., 542
Tong, L. See Zheng, Q., 2187
Tong, Y. See Liu, T., 1236
Torre, L.
—; Lelli, G.; Kenny, J. M.: Cure Kinetics of Epoxy/Anhydride Nanocomposite Systems with Added Reactive Flame Retardants, 1676
Tripathy, S. S., See Mohanty, S., 1336
Tsai, H. A.
—; Chen, H. C.; Chou, W. L.; Lee, K. R.; Yang, M. C.; Lai, J. Y.: Pervaporation of Water/Alcohol Mixtures Through Chitosan/Cellulose Acetate Composite Hollow-Fiber Membranes, 1562
Tsai, H.-B. See Lee, D.-K., 1723
Tsai, R.-S. See Lee, D.-K., 1723
Tsai, T.-Y. See Yeh, J.-M., 1936
Tsay, S.-Y. See Chen, B.-K., 832
Tschen, F. See Li, Y., 2407
Tseng, Z. S. See Hsieh, S.-H., 1999

Uda, T. See Shibata, M., 2164
Ukon, H. See Narisawa, M., 1612
Unnikrishnan, G. See Radhakrishnan, C. K., 827

Vartiainen, J.
—; Motion, R.; Kulonen, H.; Rättö, M.; Skyttä, E.; Ahvenainen, R.: Chitosan-Coated Paper: Effects of Nisin and Different Acids on the Antimicrobial Activity, 986
Vasile, C. See Popescu, M.-C., 1156
Vázquez, A. See Cyras, V. P., 1657
Velasco, J. I. See Arencón, D., 1981
Venkataraman, A. See Mallikarjuna, N. N., 2551
Verma, S. K. See Mohanty, S., 1336
Vernon, B. L. See Weiss-Malik, R. A., 2110
Vilaplana, F.
—; Morera-Escrich, V.; del Hierro-Navarro, P.; Monrabal, B.; Ribes-Greus, A.: Performance of Crystallization Analysis Fractionation and Preparative Fractionation on the Characterization of γ-Irradiated Low-Density Polyethylene, 1803
Vincent, T.
—; Peirano, F.; Guibal, D.: Chitosan Supported Palladium Catalyst. VI. Nitroaniline Degradation, 1634
Visconte, L. L. Y. See Castro, D. F., 1575
Vouters, M. See Drevelle, C., 717

Walker, E. See Sancaktar, E., 1986
Wan, T.
—; Chua, Y. C.; Lu, X.: Crystalline Morphology and Isothermal Crystallization Kinetics of Poly(ethylene terephthalate)/Clay Nanocomposites, 1381
Wan, Y.
—; Creber, K. A. M.; Peppley, B.; Bui, V. T.: Structure and Ionic Conductivity of a Series of Di-*o*-butyrylchitosan Membranes, 2309
Wang, A. See Li, A., 1869
Wang, C.-G. See Chen, H., 1151
Wang, C. S. See Shieh, J.-Y., 730
Wang, D. See Feng, S., 110, 1759; Pei, M., 2251; Yu, H., 1347
Wang, F. See Xie, S., 1018
Wang, G. See Chen, J., 796; Su, Z., 1504
Wang, G.-B. See Zhang, S.-L., 839
Wang, H. See Chen, F., 1375; Pei, X., 1043
Wang, H.-H. See Lee, D.-K., 1723
Wang, J. See Xu, Q., 593
Wang, L. See Lin, Y., 2494; Zeng, Z., 416
Wang, P. See Zhang, Y., 259
Wang, Q. See Pei, X., 1043
Wang, T. See Dong, L., 432
Wang, X. See Tang, X., 2050; Zhang, J., 587
Wang, Y. See Dong, Z., 1194; Zhang, X., 860
Wang, Y. S. See Liu, X. Q., 994
Wang, Y.V. See Dong, L., 432
Wang, Y.-Z. See Hu, X.-P., 1556
Wang, Z. See Li, Y., 1590
Weber, W. P. See Grunlan, M. A., 203
Wei, J.
—; Zhu, Z.; Huang, J.: Controlled Radical Alternating Copolymerization of *N*-Phenyl Maleimide with Ethyl-α-Ethylacrylate by Reversible Addition Fragmentation Chain-Transfer Process, 2376
Wei, P. See Su, Z., 1504
Wei, T. J. See Tang, X., 2041
Weihua, K.
—; He, Y.; Asakawa, N.; Inoue, Y.: Effect of Lignin Particles as a Nucleating Agent on Crystallization of Poly(3-hydroxybutyrate), 2466
Weiss-Malik, R. A.
—; Solis, F. J.; Vernon, B. L.: Independent Control of Lower Critical Solution Temperature and Swelling Behavior with pH for Poly(*N*-isopropylacrylamide-*co*-maleic acid), 2110
Wells, L. J.
—; Spinks, G. M.; Nightingale, S. A.: The Effect of Storage Temperatures Below 100°C on the Viscosity of a Novolak Resin Propylene Glycol Solution, 267
Weng, C.-J. See Yeh, J.-M, 400
Weng, Z.-X. See Bao, Y.-Z., 1905; Sheng, W.-C., 1035
Wertheimer, M. R. See Guimond, S., 1291
Wesslén, B. See Ljungerg, N., 2140
White, J. L. See Kim, B. J., 1007
Whitehouse, R. See Zhang, J., 483
Wiess, R. A. See Chun, Y. S., 1227
Willet, J. L. See Biresaw, G., 65
Wlochowicz, A.
—; Szosland, L.; Biniaś, D.; Szumilewicz, J.: Crystalline Structure and Mechanical Properties of Wet-Spun Dibutyrylchitin Fibers and Products of Their Alkaline Treatment, 1861
Woicke, N.
—; Keuerleber, N.; Hegemann, B.; Eyerer, P.: Three-Dimensional Behavior of Isotactic

Polypropylene Across Glass Transition Temperature, 877
Wood-Adams, P. See Heuzey, M.-C., 569
Wu, A.-W. See Zhang, S.-L., 839
Wu, C.-S.
—; Analysis of Mechanical, Thermal, and Morphological Behavior of Polycaprolactone/Wood Flour Blends, 1000
Wu, G.
—; Lu, C.; Wu, X.; Zhang, S.; He, F.; Ling, L.: X-Ray Photoelectron Spectroscopy Investigation into Thermal Degradation and Stabilization of Polyacrylonitrile Fibers, 1705
Wu, H.
—; Guo, S.; Chen, G.; Shi, H.: Effects of Ultrasonic Oscillations on Processing Behavior and Mechanical Properties of Metallocene-Catalyzed Linear Low-Density Polyethylene/Low-Density Polyethylene Blends, 2522
Wu, J. See Pei, M., 2251; Zhang, Y., 259
Wu, J.-Y. See Sheng, W.-C., 1035
Wu, M. See Feng, S., 110, 1759; Liu, H., 819
Wu, T.-M.
—; Lien, Y.-H.; Hsu, S.-F.: Isothermal Crystallization Kinetics and Melting Behavior of Nylon/Saponite and Nylon/Montmorillonite Nanocomposites, 2196
Wu, W.-C. See Zhang, S.-L., 839
Wu, X. See Liu, X., 2205; Wu, G., 1705
Wu, Y. See Zhang, Q., 2341; Zhang, Y., 259; Zhang, Z.-G., 2217
Wursche, R. See Jakisch, L., 2170

Xi, C. See Qian, Z., 2347
Xian, G.
—; Zhang, Z.: Effects of the Combination of Solid Lubricants and Short Carbon Fibers on the Sliding Performance of Poly(ether imide) Matrix Composites, 1428
Xiang, J.
—; Li, X.: Novel Mucoadhesive Polymer: Synthesis and Mucoadhesion of Poly[acrylic acid-*co*-poly(ethylene glycol) monomethylether monomethacrylate-*co*-dimethylaminoethyl methacrylate], 2431
Xiao, J.-Y. See Chu, Z.-Y., 105
Xie, S.
—; Zhang, S.; Wang, F.: Synthesis and Characterization of Poly(propylene)/Montmorillonite Nanocomposites by Simultaneous Grafting-Intercalation, 1018
Xie, Y. See Kong, J., 1710
Xiong, C. See Dong, L., 432
Xu, D. See Pei, M., 2251
Xu, J. See Qian, Z., 2347
Xu, Q.
—; Pang, M.; Peng, Q.; Li, J.; Jiang, Y.: Application of Supercritical Carbon Dioxide in the Preparation of Biodegradable Polyactide Membranes, 2158
—; Ren, X.; Chang, Y.; Wang, J.; Yu, L.; Dean, K.: Generation of Microcellular Biodegradable Polycaprolactone Foams in Supercritical Carbon Dioxide, 593
Xu, S. A. See Tjong, S. C., 1539
Xu, X. See Liu, C., 355
Xu, Y. See Pei, M., 2251

Yan, H.
—; Sun, K.; Zhang, Y.; Zhang, Y.: Effects of Mixing Conditions on the Reaction of 3-Octanoylthio-1-propyltriethoxysilane During Mixing with Silica Filler and Natural Rubber, 2295
—; Sun, K.; Zhang, Yong; Zhang, Yinxi; Fan, Y.: Effects of Silane Coupling Agents on the Vulcanization Characteristics of Natural Rubber, 1511
Yan, J. See Tang, X., 2041, 2050
Yang, D. See Peng, G., 1370
Yang, G. See Liu, H., 819
Yang, J. H.
—; Chun, B. C.; Chung, Y.-C.; Cho, J. W.; Cho, B. G.: Vibration Control Ability of Multilayered Composite Material Made of Epoxy Beam and Polyurethane Copolymer with Shape Memory Effect, 302
Yang, M. C. See Tsai, H. A., 1562
Yang, Q. See Niu, H., 2274
Yang, X.
—; Yuan, M.; Li, W.; Zhang, G.: Synthesis and Properties of Collagen/Polylactic Acid Blends, 1670
Yang, Y. See Liu, X., 2205; Zhou, Y., 1126
Yang, Z.
—; See Li, Z., 769
—; Song, B.; Li, Q.; Fan, H.; Ouyang, F.: Preparation of Microspheres with Microballoons Inside for Floating Drug-Delivery Systems, 197
Yao, K. See Liu, W., 53
Yasuda, Y. See Ikeda, J.-i., 1086
Ye, C. See Li, Z., 769
Yeh, J.-M.
—; Liou, S.-J.; Lai, M.-C.; Chang, Y.-W.; Huang, C.-Y.; Chen, C.-P.; Jaw, J.-H.; Tsai, T.-Y.; Yu, Y.-H.: Comparative Studies of the Properties of Poly(methyl methacrylate)–Clay Nanocomposite Materials Prepared by *In Situ* Emulsion Polymerization and Solution Dispersion, 1936
—; Weng, C.-J.; Huang, K.-Y.; Huang, H.-Y.; Yu, Y.-H.; Yin, C.-H.: Thermal and Optical Properties of PMMA-Titania Hybrid Materials Prepared by Sol-Gel Approach with HEMA as Coupling Agent, 400
Yeh, J.-T. See Lai, J.-Z., 845
Yeng, W. S.
—; Tahir, P. M.; Chiang, L. K.; Yunus, W. M. Z. W.; Zakaria, S.: Sago Starch and Its Acrylamide Modified Products as Coating Material on Handsheets Made from Recycled Pulp Fibers, 514
Yeow, Y. L.
—; Pradhana, S. I.; Tan, H. C. L.; Leong, Y-K.: Applying Tikhonov Regularization to Process the Kinetic Data of Polymerization, 1625
Yeum, J. H.
—; Kwak, J. W.; Han, S. S.; Kim, S. S.; Ji, B. C.; Noh, S. K., Lyoo, W. S.: Water Stability of High-Molecular-Weight (HMW) Syndiotacticity-rich Poly(vinyl alcohol) (PVA).HMW Atactic PVA/Iodine Complex Blend Films, 1435
Yi, Y. See Zhang, X., 860
Yie, J. See Jiang, X., 2395
Yildirim, H. See Öksüz, M., 13576
Yin, C.-H. See Yeh, J.-M, 400
Yin, Y. See Zhu, B., 2451
Yoo, B. H. See Kwak, Y. S., 1743
Yoon, B. O. See Higuchi, A., 1737

Yoon, S. W. See Liu, R. Y. F., 678
Yu, H.
—; Han, K.; Yu, M.: The Rate Acceleration in Solid-State Polycondensation of PET by Nanomaterials, 971
—; Yuan, Q.; Wang, D.; Zhao, Y.: Preparation of an Ultraviolet-Curable Water-Borne Poly(urethane acrylate)/Silica Dispersion and Properties of Its Hybrid Film, 1347
Yu, L. See Xu, Q., 593
Yu, M. See Yu, H., 971
Yu, R.
—; Yu, W.; Zhou, C.; Feng, J. J.: Dynamic Interfacial Properties Between a Flexible-Chain Polymer and a Thermotropic Liquid Crystalline Polymer Investigated by an Ellipsoidal Drop Retraction Method, 1404
Yu, W. See Yu, R., 1404
Yu, Y.-H. See Yeh, J.-M, 400; Yeh, J.-M., 1936
Yu, Z. See Feng, S., 110, 1759
Yuan, C.-W. See Lin, B.-P., 2363
Yuan, M. See Yang, X., 1670
Yuan, Q. See Huang, L., 1885; Yu, H., 1347
Yue, C. Y. See Tang, L. W., 2071
Yun, J. See Chen, J., 796
Yunus, W. M. Z. W. See Qudsieh, I. Y. M., 1891; Yeng, W. S., 154

Zaikov, G. E. See Kozlov, G. V., 1353; Minsker, K. S., 613
Zakaria, S. See Yeng, W. S., 154
Zakharov, V. P. See Minsker, K. S., 613
Zarzyka-Niemiec, I.
—; Lubczak, J.: Hydroxyalkylation of Parabanic Acid. II. Reactions of Parabanic Acid with Oxiranes, 317
Zeng, X. See Chen, J., 796; Zeng, Z., 416
Zeng, Z.
—; Wang, L.; Cai, T.; Zeng, X.: Synthesis of High Rubber Styrene–EPDM–Acrylonitrile Graft Copolymer and Its Toughening Efffect on SAN, 416
Zhang, A. See Lin, Y., 2494
Zhang, B.
—; See Guo, T., 238
—; Zhang, J.; He, J.: A Gradient Structure Formed in Injection-Molded Polycarbonate *In Situ* Hybrid Composites and Its Corresponding Performances, 625
Zhang, C.
—; Easteal, A. J.: Rheological Study of Poly(ethylene glycol)/poly(*N*-isopropylacrylamide-*co*-2-acrylamido-2-methylpropanesulphonic acid) Semiinterpenetrating Network Formation, 2083
Zhang, D.
—; Sun, C. (Qin); Song, H.: An Investigation of Fiber Splitting of Bicomponent Meltblown/Microfiber Nonwovens by Water Treament, 1218
Zhang, G. See Yang, X., 1670
Zhang, H.
—; Huang, H.; Cao, J.: Concentrated Emulsion Copolymerization of α-Double Bond–Containing Polyurethane/Styrene Initiated by Redox System, 1
—; Zhang, Y.; Shao, H.; Hu, X.: Prediction of Molecular Weight Distribution of Cellulose by Using the Rheological Method, 598
Zhang, J.
—; See Dong, Z., 1194
—; See Feng, S., 110, 1759
—; See Li, Z., 1634, 1643
—; See Liu, W., 53
—; See Zhang, B., 625
—; Cao, Y.; He, Y.: Ultrasonically Irradiated Emulsion Polymerization of Styrene in the Presence of a Polymeric Surfactant, 763
—; Feng, S.; Wang, X.: DC Current Voltage Characteristics of Silcone Rubber Filled with Conductive Carbon Black, 587
—; McCarthy, S.; Whitehouse, R.: Reverse Temperature Injection Molding of Biopol® and Effect on Its Properties, 483
Zhang, J.-F.
—; Sun, X.: Mechanical and Thermal Properties of Poly(lactic acid)/Starch Blends with Dioctyl Maleate, 1697
Zhang, L. See Chen, Y., 748; Pan, M., 277; Zhou, D., 684
Zhang, Q.
—; Tian, M.; Wu, Y.: Effect of Particle Size on the Properties of $Mg(OH)_2$-Filled Rubber Composites, 2341
Zhang, S. See Wu, G., 1705; Xie, S., 1018
Zhang, S.-L.
—; Wang, G.- B.; Jiang, Z.-H.; Wu, W.-C.; Ma, R.-T.: Wu, A.-W.: Melting and Crystallization Behavior of PA1010/TPU Blends, 839
Zhang, X.
—; Wang, Y.; Yi, Y.: Synthesis and Characterization of Grafting β-Cyclodextrin with Chitosan, 860
Zhang, Y.
—; See Su, Z., 1504
—; See Zhang, H., 598
—; Du, Q.; Wu, Y,; Wang, P.; Wu, J.: Fabrication of Polysulfone Asymmetric Hollow-Fiber Membranes by Coextrusion Through a Triple-Orifice Spinneret, 259
Zhang, Yinxi See Yan, H., 1511, 2295
Zhang, Yong See Yan, H., 1511, 2295
Zhang, Z.
—; Guo, C.; Chi, N.; Ke, Y.; Hu, Y.: Preparation of Linear Low-Density Polyethylene by *In Situ* Copolymerization of Ethylene with Zr Supported on Montmorillonite/Fe/Methylaluminoxane Catalyst System, 1690
Zhang, Z.-G.
—; Li, Y.-B.; Wu, Y.; Li, F.-M.: Exothermic Effect in the Process of Electron-Beam Curing of Epoxy Resins, 2217
Zhang, Z. See Xian, G., 1428
Zhao, H. See Chen, J., 796
Zhao, M. See Gao, J., 182
Zhao, X. See Gao, L., 2517
Zhao, Y. See Guo, X., 2489; Pei, M., 2251; Yu, H., 1347
Zheng, Q.
—; Shangguan, Y.; Tong, L.; Peng, M.: Effect of Vibration on Crystal Morphology and Structure of Isotactic Polypropylene in Nonisothermal Crystallization, 2187
Zhongyu, L.
—; Lu, G.; Huang, J.: Synthesis and Characterization of the Novel Block Copolymer Poly(ε-caprolactone)-*b*-Poly(4-vinyl pyridine) by the Combination of Coordination and Controlled Free-Radical Polymerizations, 2280

Zhou, C. See Yu, R., 1404
Zhou, D.
—; Zhang, L.; Zhou, J.; Guo, S.: Development of a Fixed-Bed Column with Cellulose/Chitin Beads to Remove Heavy-Metal Ions, 684
Zhou, H. H. See Jiao, S. Q., 1389
Zhou, J. See Zhou, D., 684
Zhou, Y.
—; See Lin, Y., 2494
—; Yang, Y.; Chuo, H.; Liu, X.: Preparation and Rheological Behaviors of 6-Carboxy-Chitosan, 1126
Zhu, B.
—; Guo, C.; Liu, Z.; Yin, Y.: In Situ Copolymerization of Ethylene to Produce Linear Low-Density Polyethylene by $Ti(Obu)_4/AlEt_3$-$MAO/SiO_2/Et(Ind)_2ZrCl_2$, 2451
Zhu, C. See Chen, F., 1375
Zhu, J. H. See Liu, X. Q., 994
Zhu, S. See Deng, J., 2065; Huang, B., 1449
Zhu, Z. See Wei, J., 2376
Zucolotto, V.
—; Avlyanov, J.; Gregorio, R., Jr.; Mattoso, L. H. C.: Melt Processing of Composites of PVDF and Carbon Black Modified with Conducting Polymers, 553

Journal of Applied Polymer Science

Subject Index to Volume 94

AAPH, 2356
ABA, 1898
Absorption, 1771
Acetic acid, 1139
Aconitic acid, 542
Acoustic properties, 678
Acrylamide, 154, 1526
Acrylic acid, 1526
Acrylic fibers, 130, 243, 1519
Acrylonitrile, 2509
Activation energy, 604, 1070, 1304, 1395, 2101, 2178
Addition polymerization, 317, 890, 961, 1969
Additives, 553, 717, 1077, 2117, 2178
Adhesion, 327, 529, 1986, 2431
Adhesives, 643, 881, 961, 1743
Adsorption, 53, 684, 860, 1649, 2123, 2233, 2401
Adsorption behavior, 2050
Aging, 483, 492, 503, 1291, 2140
Alfrey–Price equations, 355
Aligned particles, 2517
3-Aminophenyl boronic acid, 2088
Ampicillin, 651
Anionic polymerization, 2538
Annealing, 1265
Antiangiogenesis, 57
Antibody purification, 2205
Antimicrobial, 635
Antimicrobial activity, 986
Antimicrobial textiles, 243
Antioxidant, 2117
Antitumor activities, 57
Aqueous dispersions, 700
Aromatic and aliphatic diisocyanates, 700
Association, 604
Asymmetric double cantilever beam fracture, 65
Atom transfer radical polymerization, 2425
Atomic force microscope, 1375
Atomic force microscopy (AFM) film, 400
Atomic oxygen resistant coating, 2368
ATP, 2088
Average molecular weight, 1891
Avrami exponent, 2196
Aziridine, 845
Azo polymers, 1789

Bacterial poly(*R*-hydroxybutyrate), 2528
Banana fibers, 1489
Barrier, 671
Bead, 684
Benzoyl peroxide, 1519
β-Cyclodextrin, 860
Bimodal polymer networks, 1719
Bioblend, 65
Biodegradable, 248, 483, 593, 965, 2158, 2466
Biodegradable polyester, 65
Bioengineering, 2205
Biofibers, 2032, 2456
Biomaterials, 53, 2110
Biopolymers, 593, 635, 986, 1131, 2158, 2431
Biosensors, 1877
Bismaleimide, 345, 2407
Black spruce, 177
Blend membranes, 1827
Blending, 154, 2425
Blends, 416, 748, 827, 881, 932, 965, 1000, 1024, 1139, 1156, 1227, 1245, 1575, 1586, 1670, 1730, 1763, 1841, 1855, 1885, 1976, 2022, 2057, 2240, 2522, 2528, 2538
Block copolymers, 238, 1175, 1752, 1789, 1956, 2071, 2286
Blown bottle, 671
Branched, 1690
Branching, 1969
Buccal drug delivery, 2431

Calorimetry, 2008
Carbon black, 587, 678, 2438
Carbon black-filled powdered rubber, 2494
Carbon dioxide, 1117
6-Carboxy-chitosan, 1126
Carboxymethylation, 1606
Cassia occidentalis gum, 1606
Catalysis, 1634, 1690
Cationic dye, 130
Cationic monomer, 2431
Cationic polymerization, 110, 613
CdS, 1643
Cellulose, 598, 684, 2456
Cellulose acetate, 1965
Cellulose triacetate, 1175
Cementitious matrix, 2251
Chain, 1965, 2395
Chain extension, 2347
Characterization, 1440, 1556
Charge transfer, 355
Charring agent, 1556
Chemical modification, 1473
Chitin, 684
Chitosan, 860, 1126, 1562, 1634
Cholesteryl palmitate, 1156
Chromatography, 1547
Clay, 277, 440, 548, 1236, 1381, 1532, 1936, 2417
Coatings, 986, 1357, 1562, 1752, 2368
Coextrusion, 259
Collagen, 1670
Color strength, 2014
Column, 684
Compatibility, 748, 1057, 1539, 2140
Compatibilization, 432, 1094, 2071, 2538
Competitive adsorption, 2123
Complex film, 1435
Composites, 96, 123, 211, 296, 308, 394, 503, 553, 812, 1326, 1428, 1643, 1841, 1869, 1912, 1917, 2263
Compounding, 1164
Compression, 1077
Computer modeling, 909, 1590
Conducting polymers, 231, 254, 587, 803, 941, 1389, 1752, 1877
Conductivity, 1440
Conformational analysis, 189
Conjugated polymers, 2274
Controlled release, 1420
Conventional emulsion copolymerization, 739
Copolymerization, 355, 711, 1151, 1519, 1690, 2083, 2205, 2376, 2451, 2475
Core-shell polymers, 2008
Corrosion, 1936
Cosurfactant, 739
Coupling agent, 382, 400
Critical strain energy release rate, 65
Crosslinking, 203, 222, 287, 308, 932, 1043, 1164, 1198, 1316, 1575, 1649, 1705, 1719, 1771, 1999, 2041, 2150, 2212, 2217, 2347
Crystallinity, 287
Crystallization, 553, 819, 839, 971, 1062, 1245, 1253, 1657, 1710, 1730, 2008, 2187, 2286, 2466
Crystallization analysis fractionation, 1803
Crystal structure, 2187, 2456
Crystal structures, 2178
Curing of polymers, 83, 267, 961, 1049, 2446
Current-voltage characteristics, 587

Degradation, 40, 372, 548, 717, 1007, 1291, 1965, 2131
Degree of polymerization, 1625
Dehydration, 1461
Density, 2212
Dental polymers, 492
Dentistry, 469
Desorption, 474
Dextran, 453
Diblock copolymers, 2280
Dichloromethane, 2014
Dicyanate ester, 345
Dielectric properties, 287
Diepoxide, 2347
Differential pulse polarography (DPP), 2401
Differential scanning calorimetry (DSC), 40, 110, 116, 123, 361, 819, 839, 932, 1253, 1649, 1676, 2065
Diffusion, 474, 503, 758, 1131, 1139, 1526, 1827
Dilatometry, 1662
Diluent, 469
Dioctyl maleate, 1697
Dioctyl phthalate, 2022
Dispersions, 803, 1057, 1164, 1218, 1347, 1723
Divinylbenzene–acrylonitrile, 2041, 2050
DMA, 625
Drawing, 909
Droplet morphology, 159
Drug delivery systems, 197, 327, 2057, 2110, 2390
Drug release, 74
DSC, 167, 1049, 1898
DSC–structural relaxation, 1186
Dyeability, 2489
Dynamic mechanical properties, 332

Effective spectral dimension, 1353
Elastomers, 994, 1539, 1575, 2517, 2538
Electron-beam curing, 2217, 2407
Electron microscopy, 1575
Electro-optic properties, 159
Electrorheological behavior, 2517
Elongation at break, 2528
Elvaloy®, 2022
Emulsifier-free emulsion, 1898
Emulsion, 1797
Emulsion polymerization, 1, 763, 1905, ,2233, 2356
Endocrine disruptors, 1737
Enhancement, 1719
Enthalpy, 1547
Enzymatic polymerization, 254
Enzymes, 248
Epoxidized natural rubber, 2438
Epoxy, 1236, 1676
Epoxy resin, 361, 1279, 1969, 2217
ESCA/XPS, 1705, 2164
ESR, 923
ESR/EPR, 2376
Ester–amide exchange reaction, 2223
Esterification, 1999
Ethanol–water mixtures, 1395
Ethyl α-ethylacrylate, 2376
Ethylene/propylene copolymers, 372
Ethylene–propylene–diene terpolymer (EPDM), 407, 416
Ethylene sequence length (ESL), 1710
Ethylene vinyl acetate, 1057
EVA, 2212
Excimer lamp, 789
Exothermic effect, 2217
Extrusion, 977, 1763, 2150, 2170

Fast processes, 613
Ferrocene, 1440
Ferroelectric liquid crystal mixture, 159
Fiber, 2456
Fibers, 96, 123, 248, 296, 446, 503, 909, 1151, 1218, 1336, 1389, 1428, 1539, 1590, 1912, 1999, 2014, 2333
Filler, 1024, 1575
Fillers, 1107, 1841, 1917, 1986, 2341
Films, 203, 865, 954, 965, 1428, 2363, 2383
Flame retardance, 116, 717, 1556, 2065, 2131, 2341
Flame retardant, 407
Flexible display devices, 159
Films, 1062
Flocculation, 1473, 1480
Fluorescence, 2446
Fluoroacrylate, 1466
Fluoropolymers, 203
Flux, 1827
Fly-ash, 511
Foam, 2212
Foams, 593
Fractal analysis, 1353
Fractionation of polymers, 1710, 1803
Fracture, 1236
Free radical, 372
Free radical polymerization, 1891
Friedel-Crafts, 1440
FTIR, 57, 492, 1000
FT-IR, 40, 1156, 1357, 1861, 1999, 2164, 2263
Fuel cell, 2309
Functional elastomers, 1956
Functionalization of polymers, 243, 1094

γ Irradiation, 167
Gas permeation, 671, 758
GC-MS, 1737
Gel permeation chromatography (GPC), 424, 598
Gelatin, 1198
Gelation, 1375, 1420, 2083
Gels, 1927, 2417
Genetic algorithm (GA), 775
Glass beads, 1885
Glass fiber, 625
Glass transition, 182, 474, 730, 1657, 2390
Glass transition temperature, 877
GPC, 1898
Graft copolymer, 1480, 1496, 1519, 2456
Graft copolymerization, 1891
Graft copolymers, 154, 416, 432, 923, 1000, 1175, 1411
Graft polymers, 2509
Ground tire rubber, 142

Halogenated, 2475
Hardness, 1043
2HCl, 1898
Heat and moisture transfer, 1590
Heat transfer, 977
Herbicides, 1420
Heteroatom-containing polymers, 317
Heterogeneous polymers, 1590
High take-up velocity, 1265
Highly branched polystyrene, 2425
Hindered amine, 2489
HMW PVA, 2356
Holding power, 1456
Homogeneity, 1730
Horseradish peroxidase, 254
Humic acid, 461
Humidity, 2032
Hybrid, 400, 625
Hybrid membranes, 1304
Hydration, 2309
Hydrogels, 40, 74, 135, 692, 1461, 1526, 1619, 1649, 1815, 2057, 2401, 2517
Hydrogen-bonded complex, 542
Hydrolysis, 1411, 1670, 1965
Hydrolyzed graft copolymer, 1480
Hydrophilic behavior, 1489
Hydrophilic polymers, 2431
Hydrophobe, 1466
Hydrophobicity, 2041, 2050
Hydrophilic polymers, 453
Hydrotalcite, 2417
Hyperbranched, 2065

Impact resistance, 1917, 1956, 2251
Induction time, 1657
Infrared spectroscopy, 189, 1489, 2032
Initiators, 355, 1035, 2395
Injection-molding, 483, 625
Inorganic polymers, 2368
Integral equation, 1625
Intercalation, 534
Interfaces, 1018, 1326, 1404, 1986
Interfacial adhesion, 65
Interfacial polymerization, 558

Interpenetrating networks (IPN), 345, 361
Inter-polymer complex, 2390
Intrinsic viscosity, 1480
Intumescent char, 407
Iodine desorption, 1435
Ionic conductivity, 2309
Ionomers, 1504, 1723, 1763
Irradiation, 1370, 1803, 1969, 2324
Isotactic, 529
Isotactic polypropylene (iPP), 407

Keratin fibers, 1131
Kinetics, 142, 182, 492, 1049, 1151, 1634, 2083
Kinetics (polym.), 613, 819, 871, 941, 1625, 1657, 1965

Lamellar, 1710
Langmuir isotherm, 2123
Lattice models, 231
Lattices, 954
Layered structure, 302
Lead, 684
Light scattering, 1101
Light transmittance, 1466
Lignin, 1855, 2466
Lignin diffusion, 177
Lignin oxidation, 177
Limiting oxygen index (LOI), 407
Linear, 2451
Linear low-density polyethylene (LLDPE), 1690, 1710
Liquid crystalline polymers (LCP), 211, 625, 1539
Low-density polyethylene (LDPE), 2522
Low earth orbit, 2368
Luminescence, 865
Lumped rate constant, 871

Macromolecular coil, 1353
Magneson II chromophore, 1175
Magnetic microspheres, 2205
MALDI, 890
Mass spectrometry, 2065
Matrix, 123, 796, 1404, 1643
Mechanical and thermal properties, 511
Mechanical properties, 116, 135, 154, 211, 296, 529, 558, 657, 748, 796, 812, 827, 986, 1000, 1024, 1107, 1209, 1265, 1316, 1326, 1336, 1504, 1697, 1763, 1855, 1885, 1917, 1986, 2022, 2071, 2295, 2456, 2494
Mechanical spectroscopy, 1186
Melt, 909
Melt modifier, 2425
Melt processing, 372, 553
Meltblown technology, 1218
Melting, 1156
Melting point, 231, 819, 839
Membrane, 1737, 2158
Membranes, 53, 259, 394, 461, 558, 748, 1395, 1461, 1562, 1569, 2101
Metal salts, 130
Metallocene catalysts, 2522
Metallocene polyethylene, 881
Metallocene polymerization, 1449
Metal–polymer complexes, 789, 2164
Methacrylamide, 1519
2-Methacryloyloxyethyl isocyanate, 1198
Methyl methacrylate, 1891
Methylaluminoxane, 1449
Microcellular, 593
Microemulsion copolymerization, 739
Microencapsulation, 197
Microgels, 1375, 2150
Microspectrophotometry, 1131
Microspheres, 2150
Microstructure, 1265, 1375, 2008, 2333, 2341
Microwave, 1969
Mineral water, 1737
Miniemulsion, 1466
Miscibility, 167, 440, 453, 1117, 1496
Mixing, 1365, 1730, 2295, 2494
Modeling, 231, 657, 775, 871, 1625, 2383
Modification, 243, 1291, 1606, 1855, 2170, 2383
Modified chitosan membrane, 2309
Modified polyester resins, 1209
Modulus, 135, 2257, 2517
Molecular imprinting, 2088
Molecular recognition, 542
Molecular weight distribution, 548, 598, 1101, 1723
Molecular weight distribution/molar mass distribution, 424, 483
Molecularly imprinted microsphere, 542
Monmorillonite, 1057, 1194
Monodisperse polymers, 569
Monomers, 24, 1077, 1117
Monomodal polymer networks, 1719
Montmorillonite, 74, 534, 971, 1018, 1532, 1676, 2196
Morphology, 222, 259, 474, 511, 748, 827, 954, 1194, 1236, 1291, 1381, 1389, 1504, 1815, 1861, 1905, 1976, 2071, 2158, 2187, 2240, 2286, 2333
Multilayered core-shell particles, 511

Nanocomposites, 74, 238, 277, 382, 440, 534, 548, 692, 796, 803, 1018, 1057, 1094, 1194, 1236, 1381, 1532, 1676, 1780, 1927, 1936, 1947, 2196, 2341, 2417, 2438
Nanocopolymer, 1466
Nanoheterogenicity, 1279
Nanomaterials, 971
Nanoparticles, 812, 1643
Natural rubber, 332, 1496, 1511, 2438
Network scaffolding, 1253
Networks, 1279
Neutralization equivalent, 1411
N-Isopropylacrylamide, 74
Nitrile butadiene rubber, 678
Nitroaniline degradation, 1634
NMR, 635, 769, 890, 923
Nondestructive evaluation, 678
Nonlinear polymers, 2274
N-Phenyl maleimide, 2376
NR, 2212
Nucleation, 1253, 2466
Nucleophilic substitution, 2091
NXT silane, 1511, 2295
Nylon, 287, 1062, 1885
Nylon 6, 432, 2196

Oily water, 1473
Oligoester and oligoether diols, 700
Oligomers, 440, 1175, 1690, 2140
Optics, 2274
Optimization, 1107, 1855
Organically modified ceramics, 469
Organic metal salt, 2131
Organic-inorganic hybrids, 1279
Organoclay, 534, 1094, 2438
Organogels, 1253
Orientation, 287, 671, 1404
Oxime-urethane, 2324
Oxydianilines, 2363

PA 6, 2489
Palladium, 1634
Paraffin hydrocarbons, 142
Particle size, 700, 1917
Particle size distribution, 197, 1905, 2341, 2494
Peel strength, 1456
Pendant-drop mechanical analysis (PDMA), 558
Permeability, 986
Pervaporation, 461, 1304, 1395, 1461, 1737, 1827
PET, 971
PET/PHB copolymers, 1265
pH, 1634
Phase behavior, 1117, 2110
Phase diagrams, 231
Phase separation, 1612
Phenolphthalein poly(ether sulfone) (PES-C), 1043
Phosphorylation, 651
Photobase generating, 2324
Photopolymerization, 57, 492, 2395, 2475
Plasma, 2383
Plasma polymerization, 2014
Plasma treatment, 758
Plastics, 994, 1357
PMMA, 400

Polyacetylenes, 1395
Polyacrylate, 1347
Poly(acrylic acid), 327, 1461
Polyacrylonitrile, 1705
Polyamide, 2347
Polyamides, 394, 558, 819, 1245, 1947, 1976, 2170, 2223, 2538
Polyamines, 941
Polyaniline, 803
Polybutadiene, 1752
Polycaprolactone, 593
Polycarbonatediols, 1723
Polycarbonates, 625, 711, 2131, 2425
Polycondensation, 2363
Poly(cyclohexyl acrylate), 1117
Poly(cyclohexyl methacrylate), 1117
Polyelectrolytes, 1662
Polyesters, 503, 511, 671, 789, 1070, 2014, 2223, 2446
Poly(ether ketone ketone), 1227
Poly(ether sulfones), 758
Polyethylene, 9, 1556, 2451
Polyethylene adipate, 1156
Poly(ethylene glycol), 548
Poly(ethylene 2,6-naphthalate) (PEN), 812
Polyethylene (PE), 189, 222, 977, 1730, 1803, 1976, 2117, 2263
Polyethylene porous films, 1461
Poly(ethylene terephthalate-co-isophthalate), 1841
Poly(glycidyl methacrylate), 1532
Polyhydroxyalcanoates, 1657
Poly(3-hydroxybutyrate), 2466
Poly(3-hydroxybutyrate-*co*-3-hydroxyhexanoate), 2257
Polyimides, 345, 382,1227, 1370, 2091, 2363
Polyketones, 1440
Polylactic acid, 1670
Poly(lactic acid)/starch blends, 1697
Polylactide, 2158
Polymer blend, 1496
Polymer concrete, 1107
Polymer dispersed ferroelectric liquid crystal composites, 159
Polymer melt, 1353
Polymer prodrug, 57
Polymeric emulsifier, 1456
Polymeric photoinitiator, 2395
Polymeric surfactant, 763
Polymerization kinetics, 1662
Polymers, 657
Polymethacrylate, 1198
Poly(methyl methacrylate) (PMMA), 1643
Poly(*N*-vinylcarbazole), 803
Polyolefins, 1094, 1291, 2240
Poly(oxyethylene), 1797
Poly(propylene) (PP), 9, 116, 529, 796, 877, 977, 1018, 1326, 1504, 1539, 1763, 1841, 1917, 1976, 2008, 2187, 2509
Polypyrrole, 254
Polysaccharides, 197, 424, 1126, 1326, 1411, 1606, 2032, 2150
Polysilanes, 2368
Polysiloxanes, 110, 159, 730, 769, 1759, 2240
Polystyrene, 763, 775, 1035, 1101, 1194, 1365, 1789, 2233
Polysulfone, 259
Polytetrafluoroethylene (PTFE), 923, 1428
Polyurethane, 534, 1198, 1347, 2088
Polyurethanes, 1, 845, 1723, 1743, 2324
Poly(urethane-ureas), 700
Poly(vinyl alcohol), 327, 1304, 1473, 2178
Poly(vinyl alcohol)/poly(ethylene glycol) blends, 167
Poly (vinyl chloride) (PVC), 277, 432
Poly(vinyl chloride) (PVC), 1586, 2022
Porogen, 2233
Potassium persulfate, 1891
PP, 1336
Precipitation polymerization, 542
Preparative fractionation, 1803
Pressure-sensitive adhesive, 1456
Printing, 130
Processing, 222, 977, 994, 1218
Processing aids, 332
PS/EVA blends, 2071
Pulp fiber surface area, 177
PVA, 651
PVAc, 2356
Pyrolysis, 105, 1612, 1705

Quaternary ammonium, 635

Radiation, 1070, 2401, 2509
Radical polymerization, 871, 1035, 1365, 1532, 1789, 2280
Reactive diluent, 2407
Reactive extrusion, 1007
Reactive processing, 613, 775, 2117, 2407
Reactivity ratios, 739
Recycling, 461, 1420, 1912
Redox initiation system, 1
Reducing agents, 1131
Refractive index (RI), 1101
Reinforcement, 2251
Relaxation, 96, 569, 657, 1404
Renewable resources, 2475
Resins, 182, 267, 296, 643, 717, 1049, 1077, 1107, 1496, 1612, 1771, 1797, 1912, 2164, 2407, 2446
Response time, 159
Reversible addition fragmentation chain transfer (RAFT), 2376
Rheological properties, 332
Rheology, 598, 711, 877, 1126, 1245, 1316, 1480, 1976, 2057, 2083, 2522
Rubber, 96, 440, 587, 1024, 1316, 2295
Rubber-urethane composites, 1186

Sago starch, 1891
Sandwich, 302
Saponite, 2196
Scorch, 1511
Second-harmonic generation (SHG), 769
Selectivity, 1304, 1827, 2101, 2123
Self-organization, 1253
SEM, 1898
Semibatch solid-state polymerization, 2223
Semi-IPN, 1198
Sensors, 83
Separation techniques, 461, 2101
Shape memory, 308, 2286
Shear, 569, 1365
Shear rate, 1480
Silane treatment, 1209
Silicas, 382, 812, 1347, 1511, 1612, 1780, 1927, 2295, 2438
Silicones, 587, 1947
Simulations, 1007, 1590
Simultaneous grafting-intercalation, 1018
Sintering, 105
Sisal fibers, 1209
Skin-core, 625
Smart material, 302
Sodium alginate, 1139
Sodium salts of *o*- and *p*-methacryloylaminophenylarsonate monomers, 1662
Sol-gel, 382, 400
Solid-state polycondensation, 971
Solid-state structure, 189
Solubility parameter, 1547
Solution properties, 1759
Solvent effect, 871
Sorption, 474, 1139
Specific surface area, 2233
Spin label, 923
Spontaneous polarization, 159
s-PVA/*a*-PVA, 1435
Surfactants, 1752
Stability, 700, 2489
Stabilization, 1, 865, 1705
Starch, 154
Stimuli-sensitive polymers, 2110
Strain, 1586, 2257, 2528
Strength, 248, 446, 1077, 1357, 1670, 1986, 2257
Stress, 96, 1586, 2257, 2528
Structure, 317, 1357, 1861, 2041, 2050
Structure–property relations, 446, 1218
Styrene, 1, 1898
Styrene butadiene rubber (SBR), 2494

Styrene–EPDM–acrylonitrile (AES), 416
Subdenier monofilament polypropylene fiber, 2251
Superabsorbents, 2417
Supercritical carbon dioxide, 2158
Supercritical CO_2, 593, 1194
Supercritical fluid chromatography (SFC), 1101
Supercritical fluids, 1117
Super-repellent, 789
Surface free energy, 1489
Surface treatments, 1489
Surfaces, 789, 1043, 1291, 2164, 2373
Surfactants, 1797
Suture, 2509
Swelling, 135, 142, 692, 1139, 1526, 1569, 1619, 1869, 2050
Swelling FTIR, 1815
Syndiotactic polystyrene, 1449
Synthesis, 105, 613, 643, 769, 1126, 1440, 1556, 2205, 2280, 2363, 2401

Tear energy, 1719
Telechelics, 2170
Temperature, 2217
Templates, 327, 1612, 2390
Tensile properties, 332
TEOS, 1304
Tertiary amine, 2489
Tetrachlorobismaleimide, 2091
TGA, 1336
Thermal analysis, 1062
Thermal behavior, 1440, 1697
Thermal properties, 9, 83, 182, 483, 604, 717, 730, 1227, 1885, 2065
Thermodynamics solution properties, 1547
Thermogravimetric analysis (TGA), 110, 123, 865, 941, 1649, 2131, 2223
Thermooxidative degradation, 1353
Thermoplastics, 361, 909, 1504
Thermosets, 345, 1676
Thermotropic liquid crystalline polymer (TLCP), 1404
Thioxanthone, 2395
Tikhonov regularization, 1625
Tire, 1024
Titania, 400
Titanocene, 1449
Torque rheometer, 142
Toughness, 416, 796, 1279, 1780, 1917, 1947, 1956, 2257
Tower process, 775
Transamidation, 1245
Transparency, 1370
trans-Polyisoprene, 2286
Transport, 1139
Triple-orifice spinneret, 259
Tyre waste, 1186

Ultrasonic irradiation, 763
Ultrasonic oscillations, 2522
Ultrasound gels, 1316
Unsaturated polyester, 1496
Unsaturated polyester resin, 1956
Uretedione, 845
UV–vis spectroscopy, 355, 769, 2178, 2324

VAc, 2356
Vacuum ultraviolet (VUV), 1370
Vibration control, 308
Viologene polymers, 2091
Viscoelastic properties, 9, 361, 569, 657, 1336, 2032, 2240
Viscosity, 267, 453, 569, 1164, 1606, 1759, 1891, 2093
Vulcanization, 827, 1164, 1511

Waste, 1420
Water repellency, 1466
Water stability, 1435
Water-soluble polymers, 24, 254, 635, 1411, 1662, 1797, 2390
Water-swelling behavior, 2041
WAXS, 1861, 2257
Wear, 1043

XPS, 1370
X-ray, 116, 248, 941, 1057

Zeolites, 2101